

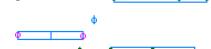
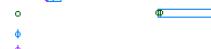
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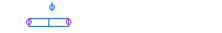
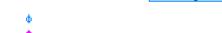
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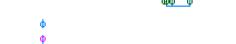
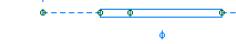
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isogroup2520_c0_g4_NA					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2520_c0_g4_NA.pdf)	-33.60	1.27e-23 3.18e-19
isogroup9367_c0_g2_NA					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9367_c0_g2_NA.pdf)	-33.30	3.39e-16 4.04e-13
isogroup81994_c0_g1_NA					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup81994_c0_g1_NA.pdf)	-32.00	4.76e-15 3.84e-12
isogroup6375_c0_g2_Alpha-kinase_family					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6375_c0_g2_Alpha-kinase_family.pdf)	-31.70	7.72e-15 5.85e-12
isogroup7980_c0_g1_NA					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7980_c0_g1_NA.pdf)	-29.70	3.28e-13 1.67e-10
isogroup20684_c0_g3_NA					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20684_c0_g3_NA.pdf)	-27.30	2.64e-23 3.30e-19
isogroup23713_c0_g2_NA					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup23713_c0_g2_NA.pdf)	-26.70	6.28e-11 1.58e-08
isogroup17040_c0_g2_NA					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17040_c0_g2_NA.pdf)	-25.60	3.41e-10 7.60e-08
isogroup7982_c0_g3_NA					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7982_c0_g3_NA.pdf)	-25.10	1.60e-13 9.76e-11
isogroup23305_c0_g4_NA					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup23305_c0_g4_NA.pdf)	-24.20	3.13e-09 5.63e-07
isogroup23480_c0_g1_K02A2_6-like					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup23480_c0_g1_K02A2_6-like.pdf)	-24.10	1.63e-09 3.03e-07
isogroup5533_c0_g1_NA					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5533_c0_g1_NA.pdf)	-23.80	5.30e-09 9.14e-07
isogroup102645_c0_g1_NA					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup102645_c0_g1_NA.pdf)	-21.60	1.95e-12 6.10e-10
isogroup3154_c0_g1_MAP1A_Microtubule-associated_protein					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3154_c0_g1_MAP1A_Microtubule-associated_protein.pdf)	-15.70	3.25e-09 5.81e-07
isogroup9968_c0_g1_NA					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9968_c0_g1_NA.pdf)	-14.00	1.82e-04 7.53e-03
isogroup18334_c0_g1_NA					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup18334_c0_g1_NA.pdf)	-13.90	2.02e-07 2.61e-05
isogroup21005_c0_g1_Epidermal_differentiation-specific					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21005_c0_g1_Epidermal_differentiation-specific.pdf)	-12.60	2.53e-10 5.86e-08
isogroup14462_c0_g3_NA					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14462_c0_g3_NA.pdf)	-11.90	3.61e-03 6.16e-02
isogroup5099_c0_g2_NA					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5099_c0_g2_NA.pdf)	-11.90	2.51e-11 6.53e-09
isogroup15953_c0_g2_gamma-aminobutyric_acid_type_					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15953_c0_g2_gamma-aminobutyric_acid_type_.pdf)	-11.80	5.62e-13 2.51e-10
isogroup12212_c0_g1_NA					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12212_c0_g1_NA.pdf)	-11.70	2.07e-07 2.67e-05
isogroup12556_c0_g1_NA					(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12556_c0_g1_NA.pdf)	-11.20	7.45e-07 8.28e-05

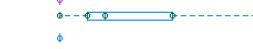
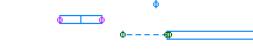
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isogroup10792_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10792_c0_g1_NA.pdf)	-11.10	6.47e-03 8.60e-02
isogroup12206_c0_g1_peptidase_inhibitor_activity		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12206_c0_g1_peptid...)	-11.10	2.56e-08 3.94e-06
isogroup6787_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6787_c0_g1_NA.pdf)	-10.80	2.96e-05 1.78e-03
isogroup25417_c0_g4_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup25417_c0_g4_NA.pdf)	-10.40	2.78e-10 6.32e-08
isogroup19093_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19093_c0_g1_NA.pdf)	-10.20	1.35e-04 5.91e-03
isogroup34208_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup34208_c0_g1_NA.pdf)	-10.20	4.46e-10 9.61e-08
isogroup3220_c0_g3_DCUN1D3_cullin_family_protein_b		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3220_c0_g3_DCUN1...)	-10.10	1.88e-10 4.43e-08
isogroup43980_c1_g1_RIH_domain		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup43980_c1_g1_RIH_d...)	-10.10	1.18e-07 1.61e-05
isogroup12692_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12692_c0_g1_NA.pdf)	-10.00	1.54e-08 2.46e-06
isogroup20432_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20432_c0_g2_NA.pdf)	-10.00	8.25e-06 6.19e-04
isogroup8840_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8840_c0_g2_NA.pdf)	-10.00	4.87e-09 8.52e-07
isogroup19324_c0_g4_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19324_c0_g4_NA.pdf)	-9.95	4.95e-06 4.06e-04
isogroup7688_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7688_c0_g1_NA.pdf)	-9.94	1.31e-09 2.55e-07
isogroup9853_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9853_c0_g2_NA.pdf)	-9.93	1.43e-05 9.72e-04
isogroup5442_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5442_c0_g2_NA.pdf)	-9.91	4.61e-06 3.90e-04
isogroup25417_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup25417_c0_g1_NA.pdf)	-9.90	1.75e-05 1.14e-03
isogroup25575_c0_g2_RIH_domain		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup25575_c0_g2_RIH_d...)	-9.89	6.29e-10 1.32e-07
isogroup71_c1_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup71_c1_g2_NA.pdf)	-9.88	1.85e-04 7.64e-03
isogroup7364_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7364_c0_g1_NA.pdf)	-9.88	2.53e-04 9.59e-03
isogroup9570_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9570_c0_g3_NA.pdf)	-9.85	1.06e-14 7.76e-12
isogroup38689_c1_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup38689_c1_g2_NA.pdf)	-9.70	8.72e-06 6.49e-04
isogroup3509_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3509_c0_g2_NA.pdf)	-9.67	5.65e-06 4.52e-04
isogroup21865_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21865_c0_g1_NA.pdf)	-9.63	1.80e-04 7.47e-03
isogroup22340_c0_g1_unfolded_protein_binding		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22340_c0_g1_unfold...)	-9.54	2.08e-13 1.18e-10
isogroup12206_c0_g3_complement_activation_classi		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12206_c0_g3_compl...)	-9.53	2.19e-06 2.04e-04

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isogroup12206_c0_g2_complement_activation_classi	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12206_c0_g2_compl...	-9.30	1.15e-05	8.09e-04
isogroup9014_c0_g1_NA	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9014_c0_g1_NA.pdf)	-9.30	3.64e-06	3.16e-04
isogroup18395_c0_g2_NA	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup18395_c0_g2_NA.pdf)	-9.27	1.44e-04	6.23e-03
isogroup5048_c0_g2_protein_tyrosine_phosphatase_a	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5048_c0_g2_protein...	-9.22	9.12e-08	1.27e-05
isogroup75209_c0_g1_NA	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup75209_c0_g1_NA.pdf)	-9.14	5.47e-06	4.43e-04
isogroup13647_c2_g1_NA	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13647_c2_g1_NA.pdf)	-9.13	4.26e-04	1.43e-02
isogroup12089_c1_g1_NA	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12089_c1_g1_NA.pdf)	-9.08	4.57e-06	3.88e-04
isogroup8636_c0_g1_NA	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8636_c0_g1_NA.pdf)	-9.04	1.64e-05	1.07e-03
isogroup17451_c0_g1_NA	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17451_c0_g1_NA.pdf)	-9.03	1.56e-04	6.66e-03
isogroup90540_c0_g2_NA	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup90540_c0_g2_NA.pdf)	-8.99	3.48e-04	1.23e-02
isogroup10830_c0_g2_NA	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10830_c0_g2_NA.pdf)	-8.95	5.62e-08	8.16e-06
isogroup20684_c0_g1_NA	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20684_c0_g1_NA.pdf)	-8.93	8.88e-09	1.45e-06
isogroup16276_c0_g1_NA	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup16276_c0_g1_NA.pdf)	-8.89	1.12e-07	1.54e-05
isogroup66308_c0_g1_NA	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup66308_c0_g1_NA.pdf)	-8.85	6.81e-04	2.02e-02
isogroup18058_c0_g3_NA	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup18058_c0_g3_NA.pdf)	-8.83	8.10e-04	2.28e-02
isogroup3570_c0_g1_NA	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3570_c0_g1_NA.pdf)	-8.82	1.20e-04	5.42e-03
isogroup51480_c1_g1_NA	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup51480_c1_g1_NA.pdf)	-8.74	4.96e-07	5.68e-05
isogroup13985_c0_g1_Epidermal_differentiation-spe	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13985_c0_g1_Epider...	-8.70	7.48e-16	7.20e-13
isogroup42691_c0_g1_NA	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup42691_c0_g1_NA.pdf)	-8.70	2.70e-03	5.13e-02
isogroup9508_c3_g1_NA	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9508_c3_g1_NA.pdf)	-8.68	1.01e-04	4.76e-03
isogroup9417_c0_g1_lipoprotein_receptor-related_p	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9417_c0_g1_lipoprot...	-8.66	2.97e-10	6.69e-08
isogroup5101_c0_g1_NA	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5101_c0_g1_NA.pdf)	-8.62	8.44e-06	6.32e-04
isogroup2830_c0_g2_CNTN4_Contactin_4	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2830_c0_g2_CNTN4_...	-8.59	6.64e-05	3.38e-03
isogroup6122_c1_g2_NA	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6122_c1_g2_NA.pdf)	-8.59	2.73e-07	3.41e-05
isogroup58439_c1_g1_NA	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup58439_c1_g1_NA.pdf)	-8.58	2.38e-05	1.48e-03

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isogroup33675_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup33675_c1_g1_NA.pdf)	-8.57	1.23e-05 8.56e-04
isogroup9101_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9101_c0_g1_NA.pdf)	-8.57	9.11e-06 6.70e-04
isogroup41918_c0_g5_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup41918_c0_g5_NA.pdf)	-8.56	1.00e-06 1.05e-04
isogroup62460_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup62460_c0_g1_NA.pdf)	-8.56	1.12e-05 7.94e-04
isogroup13485_c2_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13485_c2_g1_NA.pdf)	-8.54	2.86e-03 5.37e-02
isogroup26916_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup26916_c0_g2_NA.pdf)	-8.54	2.20e-03 4.56e-02
isogroup21321_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21321_c0_g2_NA.pdf)	-8.53	5.13e-09 8.91e-07
isogroup51292_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup51292_c0_g1_NA.pdf)	-8.52	1.74e-08 2.75e-06
isogroup10536_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10536_c1_g1_NA.pdf)	-8.51	2.23e-04 8.79e-03
isogroup164415_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup164415_c0_g1_NA.pdf)	-8.46	9.01e-04 2.47e-02
isogroup65591_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup65591_c0_g2_NA.pdf)	-8.46	3.32e-04 1.19e-02
isogroup60027_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup60027_c0_g1_NA.pdf)	-8.45	2.46e-05 1.52e-03
isogroup8815_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8815_c0_g1_NA.pdf)	-8.44	8.82e-08 1.24e-05
isogroup30832_c0_g1_IgGFc-binding_protein-like		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup30832_c0_g1_IgGFc...)	-8.43	3.79e-03 6.32e-02
isogroup11127_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11127_c0_g2_NA.pdf)	-8.42	8.21e-04 2.30e-02
isogroup14581_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14581_c0_g2_NA.pdf)	-8.40	1.36e-03 3.28e-02
isogroup10849_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10849_c1_g1_NA.pdf)	-8.38	4.39e-05 2.41e-03
isogroup11911_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11911_c0_g2_NA.pdf)	-8.37	5.25e-05 2.77e-03
isogroup77561_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup77561_c0_g1_NA.pdf)	-8.36	2.84e-05 1.71e-03
isogroup13206_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13206_c0_g1_NA.pdf)	-8.34	1.12e-06 1.16e-04
isogroup14468_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14468_c0_g1_NA.pdf)	-8.33	1.13e-06 1.17e-04
isogroup10263_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10263_c0_g3_NA.pdf)	-8.31	2.66e-03 5.10e-02
isogroup83407_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup83407_c0_g1_NA.pdf)	-8.31	5.35e-04 1.70e-02
isogroup34387_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup34387_c0_g1_NA.pdf)	-8.29	2.38e-04 9.17e-03
isogroup19213_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19213_c0_g2_NA.pdf)	-8.28	4.47e-04 1.49e-02
isogroup24174_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup24174_c0_g1_NA.pdf)	-8.26	5.28e-04 1.68e-02

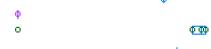
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isogroup10204_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10204_c0_g1_NA.pdf)	-8.21	4.51e-04	1.49e-02
isogroup21488_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21488_c1_g1_NA.pdf)	-8.18	2.67e-04	1.00e-02
isogroup44273_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup44273_c0_g2_NA.pdf)	-8.16	3.54e-04	1.24e-02
isogroup7890_c0_g2_ANGPT4_Fibrinogen-related_domain		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7890_c0_g2_ANGPT4_Fibrinogen-related_domain.pdf)	-8.14	2.37e-05	1.48e-03
isogroup10830_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10830_c0_g1_NA.pdf)	-8.12	4.99e-08	7.34e-06
isogroup81567_c0_g6_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup81567_c0_g6_NA.pdf)	-8.12	1.14e-06	1.17e-04
isogroup99477_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup99477_c0_g1_NA.pdf)	-8.12	1.06e-05	7.66e-04
isogroup18379_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup18379_c0_g1_NA.pdf)	-8.11	2.43e-05	1.50e-03
isogroup37440_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup37440_c0_g1_NA.pdf)	-8.11	4.05e-03	6.56e-02
isogroup12888_c0_g1_ANGPT4_Fibrinogen-related_domain		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12888_c0_g1_ANGPT4_Fibrinogen-related_domain.pdf)	-8.10	3.22e-04	1.16e-02
isogroup26461_c1_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup26461_c1_g2_NA.pdf)	-8.07	1.93e-06	1.85e-04
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isogroup28082_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup28082_c0_g2_NA.pdf)	-8.05	8.61e-06	6.43e-04
isogroup37659_c0_g1_Nidogen-like		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup37659_c0_g1_Nidogen-like.pdf)	-8.02	6.12e-04	1.87e-02
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isogroup10558_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10558_c0_g2_NA.pdf)	-8.01	2.05e-04	8.29e-03
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isogroup10041_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10041_c0_g1_NA.pdf)	-7.99	1.63e-04	6.87e-03
isogroup12438_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12438_c0_g1_NA.pdf)	-7.99	4.77e-05	2.56e-03
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isogroup20684_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20684_c0_g2_NA.pdf)	-7.84	3.91e-08 5.85e-06
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isogroup28229_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup28229_c0_g1_NA.pdf)	-7.82	4.03e-03 6.54e-02
isogroup45947_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup45947_c0_g2_NA.pdf)	-7.81	5.31e-05 2.80e-03
isogroup4746_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4746_c0_g2_NA.pdf)	-7.81	2.48e-06 2.27e-04
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isogroup7923_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7923_c0_g1_NA.pdf)	-7.72	3.13e-03 5.69e-02
isogroup8278_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8278_c0_g2_NA.pdf)	-7.71	1.40e-03 3.35e-02
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isogroup64344_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup64344_c0_g1_NA.pdf)	-7.69	2.88e-05 1.73e-03
isogroup27790_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup27790_c0_g1_NA.pdf)	-7.68	3.88e-04 1.34e-02
isogroup14591_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14591_c0_g1_NA.pdf)	-7.67	1.13e-03 2.92e-02
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isogroup10364_c0_g4_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10364_c0_g4_NA.pdf)	-7.65	5.36e-03 7.73e-02
isogroup31112_c2_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup31112_c2_g1_NA.pdf)	-7.65	3.91e-05 2.19e-03
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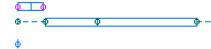
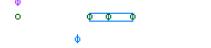
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isogroup50664_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup50664_c0_g1_NA.pdf)	-7.50	4.61e-03 7.13e-02
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isogroup20543_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20543_c0_g1_NA.pdf)	-7.43	2.36e-03 4.77e-02
isogroup23022_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup23022_c0_g1_NA.pdf)	-7.43	1.39e-04 6.05e-03
isogroup36083_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup36083_c0_g1_NA.pdf)	-7.43	2.14e-04 8.56e-03
isogroup53090_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup53090_c0_g1_NA.pdf)	-7.43	1.58e-04 6.72e-03
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isogroup17148_c1_g2_KRAB-A_domain_containing_2		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17148_c1_g2_KRAB...)	-7.38	4.40e-04 1.47e-02
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isogroup14783_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14783_c0_g2_NA.pdf)	-7.37	4.05e-03 6.56e-02
isogroup2357_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2357_c0_g1_NA.pdf)	-7.37	2.31e-06 2.12e-04
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isogroup18181_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup18181_c0_g1_NA.pdf)	-7.36	1.48e-09 2.80e-07
isogroup158959_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup158959_c0_g1_NA.pdf)	-7.35	6.05e-04 1.85e-02
isogroup167306_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup167306_c0_g1_NA.pdf)	-7.35	1.04e-04 4.86e-03

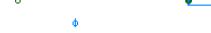
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isogroup10204_c0_g3_NA		-7.18	3.03e-05	1.81e-03
isogroup23848_c0_g1_NA		-7.18	7.66e-03	9.44e-02
isogroup3943_c0_g1_NA		-7.18	2.09e-03	4.40e-02
isogroup4431_c0_g1_complement_activation_classic		-7.18	2.39e-08	3.71e-06
isogroup6763_c0_g1_NA		-7.17	2.69e-06	2.43e-04
isogroup13229_c0_g1_NA		-7.16	5.81e-03	8.07e-02
isogroup50470_c0_g1_NA		-7.14	3.49e-04	1.23e-02
isogroup31727_c0_g1_NA		-7.13	5.12e-03	7.56e-02
isogroup3316_c0_g2_NA		-7.13	2.75e-09	4.98e-07
isogroup12518_c0_g4_NA		-7.12	7.18e-03	9.14e-02
isogroup54909_c0_g1_NA		-7.12	7.98e-03	9.61e-02
isogroup10468_c0_g1_ATP1A1_sodium_potassium-exchan		-7.09	3.44e-03	6.01e-02
isogroup48494_c0_g1_ADP-ribosylglycohydrolase		-7.08	1.09e-04	5.01e-03
isogroup67744_c0_g3_NA		-7.08	3.41e-04	1.21e-02
isogroup19015_c0_g1_NA		-7.07	9.17e-05	4.37e-03
isogroup21172_c0_g1_NA		-7.07	2.02e-03	4.32e-02
isogroup6235_c1_g1_NA		-7.06	5.46e-10	1.17e-07
isogroup11780_c0_g1_NA		-7.05	7.23e-03	9.17e-02
isogroup18571_c0_g1_NA		-7.02	5.75e-04	1.79e-02
isogroup751_c1_g2_NA		-7.02	2.17e-04	8.59e-03
isogroup9498_c0_g1_NA		-7.02	2.33e-03	4.72e-02
isogroup129122_c0_g1_NA		-7.01	4.22e-04	1.42e-02
isogroup45356_c0_g1_NA		-7.01	1.28e-03	3.16e-02
isogroup9138_c1_g1_NA		-7.01	5.66e-04	1.78e-02
isogroup31185_c3_g1_NA		-7.00	2.38e-05	1.48e-03
isogroup55792_c1_g1_NA		-6.99	5.84e-03	8.10e-02

		From to	From to	From to
ID	Image			
		logFC	p-Value	Adjusted p-Value
isogroup13388_c2_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13388_c2_g1_NA.pdf)	-6.98	1.04e-03 2.76e-02
isogroup9414_c2_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9414_c2_g1_NA.pdf)	-6.98	8.83e-04 2.43e-02
isogroup39631_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup39631_c0_g2_NA.pdf)	-6.97	3.24e-04 1.17e-02
isogroup21778_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21778_c0_g3_NA.pdf)	-6.96	7.77e-03 9.49e-02
isogroup79932_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup79932_c0_g2_NA.pdf)	-6.96	8.79e-04 2.42e-02
isogroup13485_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13485_c1_g1_NA.pdf)	-6.95	8.01e-03 9.61e-02
isogroup29485_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup29485_c0_g1_NA.pdf)	-6.94	8.07e-03 9.66e-02
isogroup39987_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup39987_c0_g2_NA.pdf)	-6.94	6.10e-03 8.29e-02
isogroup29589_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup29589_c0_g1_NA.pdf)	-6.93	5.46e-04 1.72e-02
isogroup11910_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11910_c0_g2_NA.pdf)	-6.92	5.70e-05 2.96e-03
isogroup3002_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3002_c0_g2_NA.pdf)	-6.90	6.08e-04 1.86e-02
isogroup43592_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup43592_c0_g1_NA.pdf)	-6.90	2.56e-03 5.02e-02
isogroup68372_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup68372_c0_g2_NA.pdf)	-6.90	1.53e-04 6.56e-03
isogroup27987_c0_g1_MFSD12_major_facilitator_super		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup27987_c0_g1_MFSD1...)	-6.89	1.21e-03 3.05e-02
isogroup11421_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11421_c0_g1_NA.pdf)	-6.88	1.62e-04 6.85e-03
isogroup13932_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13932_c0_g1_NA.pdf)	-6.88	8.53e-05 4.13e-03
isogroup45267_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup45267_c0_g1_NA.pdf)	-6.88	1.31e-03 3.20e-02
isogroup481_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup481_c1_g1_NA.pdf)	-6.87	1.21e-04 5.44e-03
isogroup5471_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5471_c0_g1_NA.pdf)	-6.87	1.06e-09 2.11e-07
isogroup7817_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7817_c0_g2_NA.pdf)	-6.87	2.56e-04 9.67e-03
isogroup14029_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14029_c0_g1_NA.pdf)	-6.86	2.37e-03 4.78e-02
isogroup20091_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20091_c0_g1_NA.pdf)	-6.85	3.37e-04 1.20e-02
isogroup45188_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup45188_c0_g1_NA.pdf)	-6.85	7.80e-03 9.51e-02
isogroup8301_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8301_c0_g1_NA.pdf)	-6.84	1.21e-04 5.45e-03
isogroup19050_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19050_c0_g3_NA.pdf)	-6.83	3.75e-04 1.30e-02
isogroup29923_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup29923_c0_g1_NA.pdf)	-6.83	6.80e-04 2.02e-02

ID	Image		From	From	From
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isogroup15395_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15395_c0_g2_NA.pdf)	-6.82	1.15e-03	2.96e-02
isogroup20499_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20499_c0_g1_NA.pdf)	-6.82	5.82e-03	8.08e-02
isogroup8664_c0_g2_HMCN2_Immunoglobulin_C-2_Type		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8664_c0_g2_HMCN2_Immunoglobulin_C-2_Type.pdf)	-6.82	5.60e-05	2.92e-03
isogroup51656_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup51656_c0_g2_NA.pdf)	-6.81	8.14e-03	9.72e-02
isogroup54759_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup54759_c0_g1_NA.pdf)	-6.81	5.73e-03	8.02e-02
isogroup12070_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12070_c0_g1_NA.pdf)	-6.80	1.87e-03	4.08e-02
isogroup21299_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21299_c0_g2_NA.pdf)	-6.80	4.18e-04	1.41e-02
isogroup22408_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22408_c0_g2_NA.pdf)	-6.80	5.78e-03	8.05e-02
isogroup22429_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22429_c0_g2_NA.pdf)	-6.79	3.16e-03	5.72e-02
isogroup40899_c2_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup40899_c2_g1_NA.pdf)	-6.79	1.54e-04	6.61e-03
isogroup25910_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup25910_c0_g1_NA.pdf)	-6.78	2.51e-03	4.94e-02
isogroup29315_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup29315_c0_g1_NA.pdf)	-6.78	1.10e-03	2.87e-02
isogroup31185_c2_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup31185_c2_g1_NA.pdf)	-6.78	1.62e-04	6.85e-03
isogroup17902_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17902_c0_g1_NA.pdf)	-6.76	1.09e-03	2.84e-02
isogroup30332_c1_g2_positive_regulation_of_CREB_t		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup30332_c1_g2_positive_regulation_of_CREB_t.pdf)	-6.76	4.81e-04	1.57e-02
isogroup4451_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4451_c0_g1_NA.pdf)	-6.76	1.37e-07	1.83e-05
isogroup8029_c1_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8029_c1_g2_NA.pdf)	-6.76	3.73e-04	1.30e-02
isogroup24330_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup24330_c0_g1_NA.pdf)	-6.74	4.48e-03	6.99e-02
isogroup8497_c2_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8497_c2_g1_NA.pdf)	-6.74	2.11e-04	8.46e-03
isogroup36245_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup36245_c0_g3_NA.pdf)	-6.72	2.11e-03	4.44e-02
isogroup105302_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup105302_c0_g1_NA.pdf)	-6.70	8.16e-03	9.72e-02
isogroup18659_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup18659_c0_g1_NA.pdf)	-6.70	3.15e-06	2.80e-04
isogroup22245_c2_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22245_c2_g2_NA.pdf)	-6.69	3.70e-21	3.09e-17
isogroup30168_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup30168_c0_g1_NA.pdf)	-6.69	2.21e-03	4.58e-02
isogroup86401_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup86401_c0_g1_NA.pdf)	-6.68	5.87e-09	1.01e-06
isogroup1148_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1148_c0_g1_NA.pdf)	-6.67	5.00e-05	2.67e-03

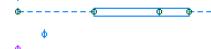
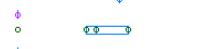
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ID	Image			
		logFC	p-Value	Adjusted p-Value
isogroup126407_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup126407_c0_g1_NA.pdf)	-6.67	1.04e-03 2.76e-02
isogroup150389_c0_g1_K02A2_6-like		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup150389_c0_g1_K02...)	-6.67	7.23e-03 9.16e-02
isogroup27448_c1_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup27448_c1_g2_NA.pdf)	-6.67	1.24e-03 3.10e-02
isogroup1386_c2_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1386_c2_g1_NA.pdf)	-6.66	7.17e-09 1.19e-06
isogroup27386_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup27386_c0_g1_NA.pdf)	-6.66	8.54e-03 9.96e-02
isogroup47439_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup47439_c0_g1_NA.pdf)	-6.65	7.02e-03 9.02e-02
isogroup21859_c0_g4_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21859_c0_g4_NA.pdf)	-6.64	1.23e-03 3.08e-02
isogroup13620_c0_g1_ACO2_regulation_of_ARF_protein		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13620_c0_g1_ACO2...)	-6.63	4.51e-04 1.49e-02
isogroup21952_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21952_c0_g1_NA.pdf)	-6.63	7.55e-03 9.39e-02
isogroup26765_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup26765_c0_g1_NA.pdf)	-6.63	6.54e-03 8.65e-02
isogroup1130_c0_g1_NCAPH_DNA_topoisomerase_ATP-hy		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1130_c0_g1_NCAPH...)	-6.62	8.28e-11 2.05e-08
isogroup24427_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup24427_c0_g2_NA.pdf)	-6.62	4.12e-03 6.61e-02
isogroup5115_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5115_c0_g1_NA.pdf)	-6.62	6.21e-04 1.89e-02
isogroup15999_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15999_c0_g1_NA.pdf)	-6.60	3.68e-03 6.24e-02
isogroup5012_c0_g2_MCU_uniporler_activity		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5012_c0_g2_MCU_un...)	-6.60	7.75e-03 9.48e-02
isogroup5024_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5024_c1_g1_NA.pdf)	-6.60	1.98e-03 4.25e-02
isogroup6396_c0_g2_Belongs_to_the_peptidase_C14A_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6396_c0_g2_Belong...)	-6.60	1.64e-04 6.89e-03
isogroup11748_c0_g1_RAG1_Belongs_to_the_RAG1_famil		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11748_c0_g1_RAG1...)	-6.59	7.85e-03 9.53e-02
isogroup13485_c3_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13485_c3_g3_NA.pdf)	-6.59	5.37e-03 7.75e-02
isogroup15135_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15135_c0_g2_NA.pdf)	-6.59	5.54e-03 7.88e-02
isogroup16967_c0_g1_AdоМet_dependent_proline_di-m		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup16967_c0_g1_AdоМ...)	-6.59	8.75e-04 2.41e-02
isogroup12134_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12134_c0_g1_NA.pdf)	-6.58	3.74e-03 6.28e-02
isogroup22695_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22695_c0_g1_NA.pdf)	-6.58	7.06e-04 2.07e-02
isogroup29977_c0_g5_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup29977_c0_g5_NA.pdf)	-6.57	3.53e-04 1.24e-02
isogroup42334_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup42334_c0_g1_NA.pdf)	-6.56	5.45e-03 7.82e-02
isogroup64058_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup64058_c0_g1_NA.pdf)	-6.56	6.39e-03 8.52e-02

ID	Image		From	From	From
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isogroup47780_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup47780_c0_g2_NA.pdf)	-6.55	1.16e-03	2.96e-02
isogroup20432_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20432_c0_g1_NA.pdf)	-6.54	1.22e-03	3.05e-02
isogroup25281_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup25281_c0_g2_NA.pdf)	-6.54	2.47e-03	4.89e-02
isogroup29977_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup29977_c1_g1_NA.pdf)	-6.54	4.11e-04	1.39e-02
isogroup4169_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4169_c1_g1_NA.pdf)	-6.54	7.71e-03	9.46e-02
isogroup45258_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup45258_c0_g1_NA.pdf)	-6.53	4.67e-04	1.54e-02
isogroup9130_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9130_c0_g1_NA.pdf)	-6.53	1.45e-03	3.45e-02
isogroup36192_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup36192_c0_g3_NA.pdf)	-6.51	7.85e-03	9.53e-02
isogroup68106_c0_g1_RNF7_NEJD8_transferase_activit		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup68106_c0_g1_RNF7_NEJD8_transferase_activit.pdf)	-6.50	5.14e-03	7.56e-02
isogroup43254_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup43254_c0_g1_NA.pdf)	-6.49	2.38e-03	4.78e-02
isogroup87840_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup87840_c0_g1_NA.pdf)	-6.49	6.92e-04	2.04e-02
isogroup20791_c0_g2_irk-2_Inward_rectifier_potassi		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20791_c0_g2_irk-2_Inward_rectifier_potassi.pdf)	-6.47	8.20e-03	9.76e-02
isogroup21434_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21434_c0_g1_NA.pdf)	-6.47	2.24e-03	4.62e-02
isogroup28528_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup28528_c0_g1_NA.pdf)	-6.46	6.51e-03	8.63e-02
isogroup4746_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4746_c0_g1_NA.pdf)	-6.46	3.17e-05	1.88e-03
isogroup52558_c0_g3_GALE3_Dysferlin_domain_C-term		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup52558_c0_g3_GALE3_Dysferlin_domain_C-term.pdf)	-6.46	5.69e-12	1.63e-09
isogroup93701_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup93701_c0_g1_NA.pdf)	-6.46	4.14e-03	6.61e-02
isogroup52558_c0_g2_Galectin		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup52558_c0_g2_Galectin.pdf)	-6.45	8.39e-13	3.28e-10
isogroup3009_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3009_c0_g3_NA.pdf)	-6.44	7.09e-08	1.01e-05
isogroup20222_c0_g5_Domain_of_unknown_function_D		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20222_c0_g5_Domain_of_unknown_function_D.pdf)	-6.42	2.29e-03	4.69e-02
isogroup57926_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup57926_c0_g1_NA.pdf)	-6.41	1.00e-03	2.67e-02
isogroup12530_c2_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12530_c2_g1_NA.pdf)	-6.40	3.63e-03	6.17e-02
isogroup22129_c0_g4_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22129_c0_g4_NA.pdf)	-6.40	5.37e-03	7.74e-02
isogroup31146_c0_g3_gamma-aminobutyric_acid_type_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup31146_c0_g3_gamma-aminobutyric_acid_type_.pdf)	-6.40	5.21e-03	7.60e-02
isogroup47342_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup47342_c1_g1_NA.pdf)	-6.40	5.88e-03	8.12e-02
isogroup5840_c2_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5840_c2_g1_NA.pdf)	-6.40	4.06e-03	6.56e-02

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		logFC	p-Value	Adjusted p-Value
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isogroup8990_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8990_c0_g1_NA.pdf)	-6.40	4.53e-03 7.05e-02
isogroup16047_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup16047_c1_g1_NA.pdf)	-6.39	2.99e-03 5.52e-02
isogroup42857_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup42857_c1_g1_NA.pdf)	-6.39	1.03e-03 2.74e-02
isogroup3804_c0_g1_gamma-aminobutyric_acid_type_B		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3804_c0_g1_gamma...)	-6.38	1.09e-09 2.17e-07
isogroup87666_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup87666_c0_g1_NA.pdf)	-6.38	1.14e-03 2.94e-02
isogroup19699_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19699_c0_g1_NA.pdf)	-6.37	8.39e-03 9.85e-02
isogroup87439_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup87439_c0_g1_NA.pdf)	-6.37	1.56e-03 3.61e-02
isogroup23891_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup23891_c0_g1_NA.pdf)	-6.36	7.91e-03 9.58e-02
isogroup7389_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7389_c0_g2_NA.pdf)	-6.36	3.26e-03 5.81e-02
isogroup76656_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup76656_c0_g1_NA.pdf)	-6.35	6.58e-03 8.66e-02
isogroup8029_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8029_c1_g1_NA.pdf)	-6.35	1.11e-03 2.88e-02
isogroup12286_c0_g1_GTPase_activity		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12286_c0_g1_GTPa...)	-6.34	4.15e-03 6.62e-02
isogroup25674_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup25674_c0_g1_NA.pdf)	-6.34	1.09e-03 2.84e-02
isogroup18883_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup18883_c0_g1_NA.pdf)	-6.33	2.37e-03 4.78e-02
isogroup3331_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3331_c0_g2_NA.pdf)	-6.33	4.04e-05 2.24e-03
isogroup7570_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7570_c1_g1_NA.pdf)	-6.33	3.56e-03 6.13e-02
isogroup90142_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup90142_c0_g1_NA.pdf)	-6.33	2.05e-03 4.35e-02
isogroup13592_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13592_c0_g1_NA.pdf)	-6.32	9.67e-04 2.61e-02
isogroup19411_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19411_c0_g1_NA.pdf)	-6.32	1.15e-04 5.24e-03
isogroup22920_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22920_c0_g1_NA.pdf)	-6.32	4.01e-03 6.54e-02
isogroup20720_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20720_c0_g2_NA.pdf)	-6.31	5.97e-03 8.18e-02
isogroup295_c0_g3_Protein_tyrosine_kinase		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup295_c0_g3_Protein_t...)	-6.31	9.62e-09 1.56e-06
isogroup4711_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4711_c0_g1_NA.pdf)	-6.30	1.44e-09 2.75e-07
isogroup18894_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup18894_c0_g3_NA.pdf)	-6.29	1.42e-03 3.40e-02
isogroup20761_c0_g2_Belongs_to_the_type-B_carboxy		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20761_c0_g2_Belon...)	-6.29	5.17e-03 7.60e-02

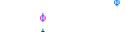
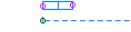
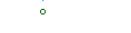
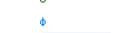
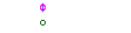
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isogroup38059_c0_g2_NA		-6.29	5.20e-03	7.60e-02
isogroup7073_c0_g2_NA		-6.29	5.95e-03	8.17e-02
isogroup76300_c0_g1_NA		-6.29	2.36e-03	4.77e-02
isogroup25536_c0_g1_NA		-6.28	4.75e-03	7.25e-02
isogroup26004_c3_g1_NA		-6.28	3.19e-03	5.74e-02
isogroup35887_c0_g1_NA		-6.28	5.39e-03	7.77e-02
isogroup51005_c0_g1_Jerky_protein_homolog-like		-6.28	4.94e-03	7.41e-02
isogroup5259_c1_g1_NA		-6.28	7.05e-03	9.04e-02
isogroup55984_c0_g1_NA		-6.28	3.81e-03	6.33e-02
isogroup11684_c0_g2_NA		-6.27	3.91e-04	1.34e-02
isogroup77936_c0_g1_NA		-6.27	3.87e-04	1.33e-02
isogroup12370_c0_g1_NA		-6.26	4.41e-03	6.93e-02
isogroup13196_c0_g3_NA		-6.25	1.35e-03	3.27e-02
isogroup3233_c1_g1_NA		-6.23	1.83e-03	4.04e-02
isogroup15953_c0_g1_gamma-aminobutyric_acid_type_-		-6.22	3.75e-17	6.69e-14
isogroup10979_c0_g2_NA		-6.21	2.88e-03	5.40e-02
isogroup17606_c0_g1_NA		-6.21	1.43e-03	3.42e-02
isogroup4126_c0_g2_NA		-6.21	6.38e-08	9.17e-06
isogroup14468_c1_g1_NA		-6.19	1.00e-09	2.02e-07
isogroup19494_c0_g3_NA		-6.19	7.33e-03	9.24e-02
isogroup33207_c0_g1_NA		-6.19	5.30e-03	7.69e-02
isogroup37799_c0_g1_NA		-6.19	2.79e-03	5.28e-02
isogroup10803_c0_g1_NA		-6.18	2.59e-03	5.05e-02
isogroup28782_c0_g4_NA		-6.18	1.78e-13	1.06e-10
isogroup39692_c0_g2_NA		-6.18	3.66e-03	6.22e-02
isogroup12015_c1_g1_STT3B_subunit_of_the_oligosacc		-6.17	1.72e-03	3.87e-02

		From to	From to	From to
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isogroup44584_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup44584_c1_g1_NA.pdf)	-6.17	1.47e-03 3.47e-02
isogroup45081_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup45081_c0_g1_NA.pdf)	-6.17	6.35e-03 8.51e-02
isogroup36913_c2_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup36913_c2_g1_NA.pdf)	-6.16	3.33e-03 5.89e-02
isogroup45_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup45_c0_g2_NA.pdf)	-6.16	4.80e-03 7.29e-02
isogroup10198_c0_g1_Alpha-L-arabinofuranosidase_B		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10198_c0_g1_Alpha...)	-6.15	1.23e-04 5.52e-03
isogroup17386_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17386_c0_g1_NA.pdf)	-6.15	1.54e-03 3.59e-02
isogroup1917_c4_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1917_c4_g1_NA.pdf)	-6.15	2.67e-03 5.11e-02
isogroup22030_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22030_c0_g2_NA.pdf)	-6.15	4.02e-13 2.01e-10
isogroup12263_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12263_c0_g1_NA.pdf)	-6.14	1.46e-03 3.45e-02
isogroup21942_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21942_c0_g1_NA.pdf)	-6.14	1.80e-03 3.99e-02
isogroup14268_c2_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14268_c2_g1_NA.pdf)	-6.13	8.12e-04 2.28e-02
isogroup2142_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2142_c1_g1_NA.pdf)	-6.13	1.99e-03 4.27e-02
isogroup1545_c3_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1545_c3_g1_NA.pdf)	-6.12	2.41e-07 3.05e-05
isogroup3905_c0_g4_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3905_c0_g4_NA.pdf)	-6.12	5.91e-04 1.82e-02
isogroup40392_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup40392_c1_g1_NA.pdf)	-6.11	5.39e-03 7.77e-02
isogroup56291_c1_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup56291_c1_g3_NA.pdf)	-6.11	8.53e-04 2.36e-02
isogroup6019_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6019_c0_g1_NA.pdf)	-6.10	1.15e-03 2.96e-02
isogroup98118_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup98118_c0_g1_NA.pdf)	-6.10	1.09e-03 2.84e-02
isogroup20923_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20923_c1_g1_NA.pdf)	-6.09	2.01e-03 4.30e-02
isogroup26189_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup26189_c0_g1_NA.pdf)	-6.09	4.22e-03 6.71e-02
isogroup19105_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19105_c0_g2_NA.pdf)	-6.08	1.81e-03 4.00e-02
isogroup25245_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup25245_c0_g1_NA.pdf)	-6.08	3.47e-03 6.04e-02
isogroup32681_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup32681_c0_g1_NA.pdf)	-6.08	3.24e-03 5.80e-02
isogroup673_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup673_c1_g1_NA.pdf)	-6.07	3.49e-04 1.23e-02
isogroup23044_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup23044_c0_g1_NA.pdf)	-6.05	5.37e-07 6.10e-05
isogroup15320_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15320_c0_g1_NA.pdf)	-6.04	3.85e-03 6.37e-02

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isogroup83842_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup83842_c0_g1_NA.pdf)	-6.04	3.83e-03 6.36e-02
isogroup12174_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12174_c0_g2_NA.pdf)	-6.03	1.92e-03 4.17e-02
isogroup18571_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup18571_c0_g2_NA.pdf)	-6.03	3.59e-03 6.15e-02
isogroup58806_c2_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup58806_c2_g1_NA.pdf)	-6.03	5.14e-03 7.56e-02
isogroup72781_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup72781_c0_g2_NA.pdf)	-6.03	4.12e-03 6.61e-02
isogroup12958_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12958_c0_g1_NA.pdf)	-6.02	2.66e-03 5.11e-02
isogroup25111_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup25111_c0_g1_NA.pdf)	-6.02	4.23e-03 6.71e-02
isogroup31846_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup31846_c0_g1_NA.pdf)	-6.02	4.45e-03 6.97e-02
isogroup31025_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup31025_c0_g2_NA.pdf)	-6.01	5.75e-03 8.02e-02
isogroup23849_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup23849_c0_g3_NA.pdf)	-6.00	6.30e-08 9.11e-06
isogroup41571_c0_g2_K02A2_6-like		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup41571_c0_g2_K02A2_6-like.pdf)	-6.00	2.05e-04 8.29e-03
isogroup4468_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4468_c0_g3_NA.pdf)	-6.00	1.58e-05 1.05e-03
isogroup2953_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2953_c0_g1_NA.pdf)	-5.99	2.82e-04 1.04e-02
isogroup14890_c3_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14890_c3_g1_NA.pdf)	-5.98	3.81e-03 6.33e-02
isogroup16184_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup16184_c1_g1_NA.pdf)	-5.98	2.66e-03 5.10e-02
isogroup19942_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19942_c0_g1_NA.pdf)	-5.98	3.43e-03 6.00e-02
isogroup24689_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup24689_c1_g1_NA.pdf)	-5.98	8.42e-03 9.88e-02
isogroup56833_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup56833_c0_g1_NA.pdf)	-5.97	6.72e-03 8.78e-02
isogroup16031_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup16031_c0_g1_NA.pdf)	-5.96	8.86e-08 1.24e-05
isogroup33962_c0_g5_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup33962_c0_g5_NA.pdf)	-5.96	5.69e-03 7.98e-02
isogroup30475_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup30475_c0_g1_NA.pdf)	-5.95	3.08e-08 4.72e-06
isogroup36107_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup36107_c0_g1_NA.pdf)	-5.95	6.11e-03 8.30e-02
isogroup88776_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup88776_c0_g1_NA.pdf)	-5.95	5.32e-03 7.71e-02
isogroup73575_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup73575_c0_g1_NA.pdf)	-5.94	2.46e-03 4.88e-02
isogroup7442_c0_g1_Cyclic_nucleotide-monophosphat		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7442_c0_g1_Cyclic_nucleotide-monophosphat.pdf)	-5.94	3.60e-06 3.13e-04
isogroup10881_c0_g1_RpS27A_ubiquitin		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10881_c0_g1_RpS27A_ubiquitin.pdf)	-5.93	4.70e-03 7.21e-02

ID	Image	(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19469_c0_g2_NA.pdf)	From	From	From
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isogroup19469_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19469_c0_g2_NA.pdf)	-5.92	3.86e-07	4.64e-05
isogroup21137_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21137_c0_g2_NA.pdf)	-5.91	3.85e-03	6.37e-02
isogroup34762_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup34762_c0_g1_NA.pdf)	-5.91	2.62e-03	5.08e-02
isogroup4375_c0_g3_OXSM_Belongs_to_the_beta-ketoac		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4375_c0_g3_OXSM_Belongs_to_the_beta-ketoac.pdf)	-5.91	1.47e-06	1.47e-04
isogroup10253_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10253_c1_g1_NA.pdf)	-5.90	7.69e-03	9.45e-02
isogroup11528_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11528_c0_g2_NA.pdf)	-5.90	3.87e-03	6.38e-02
isogroup164030_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup164030_c0_g1_NA.pdf)	-5.90	2.77e-03	5.24e-02
isogroup2672_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2672_c0_g2_NA.pdf)	-5.90	4.06e-03	6.56e-02
isogroup17436_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17436_c0_g1_NA.pdf)	-5.89	1.74e-03	3.90e-02
isogroup1130_c0_g2_NCAPH_DNA_topoisomerase_ATP-hy		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1130_c0_g2_NCAPH_DNA_topoisomerase_ATP-hy.pdf)	-5.88	3.12e-11	8.04e-09
isogroup19320_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19320_c0_g1_NA.pdf)	-5.88	1.48e-03	3.48e-02
isogroup3316_c0_g1_RNA_splicing		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3316_c0_g1_RNA_splicing.pdf)	-5.88	5.52e-08	8.06e-06
isogroup11740_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11740_c0_g1_NA.pdf)	-5.87	3.38e-03	5.95e-02
isogroup34344_c0_g4_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup34344_c0_g4_NA.pdf)	-5.87	9.97e-04	2.67e-02
isogroup65822_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup65822_c0_g2_NA.pdf)	-5.87	3.52e-03	6.09e-02
isogroup23963_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup23963_c1_g1_NA.pdf)	-5.86	3.49e-03	6.06e-02
isogroup4774_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4774_c0_g3_NA.pdf)	-5.86	4.71e-04	1.55e-02
isogroup5085_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5085_c1_g1_NA.pdf)	-5.86	6.10e-04	1.87e-02
isogroup6130_c3_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6130_c3_g1_NA.pdf)	-5.86	6.46e-03	8.60e-02
isogroup7904_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7904_c1_g1_NA.pdf)	-5.86	7.89e-03	9.57e-02
isogroup20425_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20425_c0_g1_NA.pdf)	-5.85	4.89e-03	7.36e-02
isogroup79366_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup79366_c0_g1_NA.pdf)	-5.85	5.19e-03	7.60e-02
isogroup45311_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup45311_c0_g1_NA.pdf)	-5.84	7.72e-03	9.46e-02
isogroup23524_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup23524_c0_g1_NA.pdf)	-5.83	3.03e-03	5.56e-02
isogroup27145_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup27145_c0_g1_NA.pdf)	-5.83	2.26e-03	4.63e-02
isogroup83475_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup83475_c1_g1_NA.pdf)	-5.83	6.35e-03	8.51e-02

ID	Image		From	From	From
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isogroup28479_c3_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup28479_c3_g1_NA.pdf)	-5.81	5.89e-03	8.12e-02
isogroup10746_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10746_c0_g1_NA.pdf)	-5.80	2.92e-03	5.44e-02
isogroup16101_c0_g1_XRCC6_X-ray_repair_complement		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup16101_c0_g1_XRCC6...)	-5.80	4.65e-03	7.16e-02
isogroup55522_c0_g1_K02A2_6-like		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup55522_c0_g1_K02A...)	-5.80	3.94e-03	6.48e-02
isogroup30106_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup30106_c0_g3_NA.pdf)	-5.79	1.02e-04	4.79e-03
isogroup44891_c1_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup44891_c1_g2_NA.pdf)	-5.79	4.41e-03	6.93e-02
isogroup21724_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21724_c0_g1_NA.pdf)	-5.78	5.85e-03	8.10e-02
isogroup29863_c0_g2_CYLD_Belongs_to_the_peptidase_-		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup29863_c0_g2_CYLD...)	-5.78	6.17e-03	8.36e-02
isogroup6457_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6457_c0_g1_NA.pdf)	-5.78	4.04e-04	1.37e-02
isogroup74683_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup74683_c0_g1_NA.pdf)	-5.78	3.60e-03	6.16e-02
isogroup49778_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup49778_c0_g1_NA.pdf)	-5.77	5.48e-03	7.85e-02
isogroup55357_c0_g4_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup55357_c0_g4_NA.pdf)	-5.77	5.12e-03	7.56e-02
isogroup8805_c0_g1_complement_activation_classic		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8805_c0_g1_comple...	-5.77	7.26e-10	1.50e-07
isogroup1115_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1115_c0_g1_NA.pdf)	-5.76	7.18e-09	1.19e-06
isogroup22649_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22649_c0_g1_NA.pdf)	-5.75	4.57e-03	7.08e-02
isogroup20960_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20960_c0_g1_NA.pdf)	-5.74	2.13e-03	4.47e-02
isogroup55536_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup55536_c0_g1_NA.pdf)	-5.73	7.05e-03	9.04e-02
isogroup19835_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19835_c0_g1_NA.pdf)	-5.72	7.45e-03	9.34e-02
isogroup4812_c6_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4812_c6_g1_NA.pdf)	-5.72	7.50e-03	9.38e-02
isogroup21933_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21933_c0_g2_NA.pdf)	-5.71	1.64e-03	3.73e-02
isogroup63012_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup63012_c0_g1_NA.pdf)	-5.70	2.46e-03	4.88e-02
isogroup2421_c0_g4_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2421_c0_g4_NA.pdf)	-5.69	1.82e-07	2.37e-05
isogroup32_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup32_c0_g2_NA.pdf)	-5.69	6.55e-06	5.15e-04
isogroup51531_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup51531_c0_g1_NA.pdf)	-5.69	5.49e-03	7.86e-02
isogroup733_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup733_c0_g3_NA.pdf)	-5.69	1.62e-05	1.07e-03
isogroup64903_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup64903_c0_g1_NA.pdf)	-5.68	6.30e-03	8.48e-02

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isogroup35546_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup35546_c0_g1_NA.pdf)	-5.67	7.03e-03	9.02e-02		
isogroup158133_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup158133_c0_g1_NA.pdf)	-5.66	3.01e-03	5.54e-02		
isogroup54132_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup54132_c0_g2_NA.pdf)	-5.65	8.53e-03	9.96e-02		
isogroup56770_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup56770_c0_g1_NA.pdf)	-5.65	2.14e-06	2.00e-04		
isogroup82012_c0_g1_XPO1_nuclear_export_signal_rec		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup82012_c0_g1_XPO1...)	-5.65	2.05e-05	1.31e-03		
isogroup39520_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup39520_c0_g1_NA.pdf)	-5.64	3.24e-03	5.80e-02		
isogroup45559_c2_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup45559_c2_g1_NA.pdf)	-5.64	1.75e-07	2.29e-05		
isogroup53754_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup53754_c0_g1_NA.pdf)	-5.64	5.75e-03	8.02e-02		
isogroup3958_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3958_c0_g2_NA.pdf)	-5.63	2.24e-03	4.61e-02		
isogroup8278_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8278_c0_g1_NA.pdf)	-5.63	5.19e-03	7.60e-02		
isogroup34348_c2_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup34348_c2_g1_NA.pdf)	-5.62	7.47e-04	2.13e-02		
isogroup43181_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup43181_c0_g1_NA.pdf)	-5.62	5.86e-03	8.11e-02		
isogroup7451_c2_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7451_c2_g1_NA.pdf)	-5.62	6.56e-03	8.66e-02		
isogroup22981_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22981_c0_g1_NA.pdf)	-5.61	1.19e-07	1.62e-05		
isogroup10398_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10398_c0_g1_NA.pdf)	-5.60	7.03e-03	9.02e-02		
isogroup20432_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20432_c0_g3_NA.pdf)	-5.60	5.93e-04	1.82e-02		
isogroup31270_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup31270_c0_g1_NA.pdf)	-5.60	7.60e-03	9.40e-02		
isogroup36604_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup36604_c0_g1_NA.pdf)	-5.60	2.33e-03	4.72e-02		
isogroup91413_c0_g1_positive_regulation_of_TOR_si		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup91413_c0_g1_positiv...)	-5.60	7.67e-03	9.45e-02		
isogroup23442_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup23442_c0_g1_NA.pdf)	-5.59	5.68e-03	7.97e-02		
isogroup69644_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup69644_c0_g1_NA.pdf)	-5.59	6.67e-03	8.74e-02		
isogroup27568_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup27568_c0_g1_NA.pdf)	-5.57	3.56e-03	6.13e-02		
isogroup7172_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7172_c0_g2_NA.pdf)	-5.57	6.08e-07	6.87e-05		
isogroup49108_c0_g1_K02A2_6-like		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup49108_c0_g1_K02A...)	-5.56	4.68e-03	7.19e-02		
isogroup112265_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup112265_c0_g1_NA.pdf)	-5.55	7.77e-03	9.49e-02		
isogroup21434_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21434_c0_g2_NA.pdf)	-5.55	6.39e-03	8.52e-02		

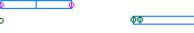
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isogroup7753_c0_g1_NA		-5.55	2.94e-04	1.08e-02
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isogroup13485_c3_g2_NA		-5.53	5.52e-03	7.87e-02
isogroup136973_c0_g1_NA		-5.53	6.57e-03	8.66e-02
isogroup16949_c1_g2_NA		-5.53	7.97e-03	9.61e-02
isogroup25697_c0_g1_NA		-5.53	7.80e-03	9.51e-02
isogroup40723_c0_g1_NA		-5.53	6.44e-03	8.58e-02
isogroup18700_c0_g1_NA		-5.52	2.98e-03	5.51e-02
isogroup11972_c0_g1_NA		-5.50	7.06e-03	9.04e-02
isogroup44049_c1_g2_NA		-5.50	1.07e-03	2.82e-02
isogroup43972_c0_g1_NA		-5.49	8.31e-03	9.81e-02
isogroup8509_c0_g2_TRAF4_activation_of_NF-kappaB-i		-5.49	5.20e-03	7.60e-02
isogroup2669_c1_g1_NA		-5.48	7.55e-03	9.39e-02
isogroup36653_c1_g1_NA		-5.46	1.64e-06	1.62e-04
isogroup7713_c0_g2_NA		-5.46	1.33e-03	3.22e-02
isogroup104861_c0_g1_NA		-5.45	5.47e-04	1.72e-02
isogroup15666_c0_g1_NA		-5.44	4.60e-05	2.49e-03
isogroup58158_c0_g1_NA		-5.43	6.92e-03	8.94e-02
isogroup6549_c0_g1_Reverse_transcriptase_RNA-dep		-5.43	3.55e-08	5.34e-06
isogroup17468_c0_g1_NA		-5.42	6.97e-03	8.99e-02
isogroup26296_c1_g1_NA		-5.42	1.47e-07	1.95e-05
isogroup44182_c0_g3_NA		-5.41	8.02e-03	9.62e-02
isogroup22400_c1_g1_NA		-5.40	6.89e-03	8.91e-02
isogroup4185_c3_g2_NA		-5.40	1.78e-03	3.98e-02
isogroup1838_c0_g1_NA		-5.38	1.76e-06	1.70e-04
isogroup19762_c0_g1_NA		-5.38	1.68e-03	3.80e-02

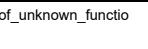
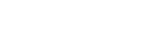
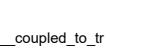
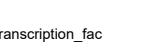
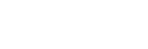
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isogroup90057_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup90057_c0_g1_NA.pdf)	-5.37	3.58e-03	6.15e-02
isogroup13561_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13561_c0_g1_NA.pdf)	-5.36	7.83e-03	9.52e-02
isogroup24731_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup24731_c0_g1_NA.pdf)	-5.36	3.69e-03	6.24e-02
isogroup57053_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup57053_c0_g1_NA.pdf)	-5.36	6.32e-03	8.50e-02
isogroup23620_c0_g6_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup23620_c0_g6_NA.pdf)	-5.35	8.35e-03	9.83e-02
isogroup2524_c0_g1_Nlrp10_NACHT_domain		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2524_c0_g1_Nlrp10_NACHT_domain.pdf)	-5.35	4.55e-08	6.72e-06
isogroup34092_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup34092_c0_g1_NA.pdf)	-5.35	3.53e-05	2.03e-03
isogroup14934_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14934_c0_g1_NA.pdf)	-5.34	4.02e-03	6.54e-02
isogroup25788_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup25788_c0_g1_NA.pdf)	-5.32	1.79e-03	3.99e-02
isogroup21943_c0_g4_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21943_c0_g4_NA.pdf)	-5.30	1.36e-05	9.35e-04
isogroup462_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup462_c0_g1_NA.pdf)	-5.27	2.03e-06	1.93e-04
isogroup1028_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1028_c1_g1_NA.pdf)	-5.26	6.66e-03	8.73e-02
isogroup19334_c0_g2_cell_surface_pattern_recognit		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19334_c0_g2_cell_surface_pattern_recognit.pdf)	-5.26	2.22e-03	4.59e-02
isogroup27448_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup27448_c1_g1_NA.pdf)	-5.26	3.50e-03	6.07e-02
isogroup5800_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5800_c0_g1_NA.pdf)	-5.26	1.66e-07	2.18e-05
isogroup8841_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8841_c0_g1_NA.pdf)	-5.26	6.14e-03	8.33e-02
isogroup21349_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21349_c0_g2_NA.pdf)	-5.25	6.21e-04	1.89e-02
isogroup8471_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8471_c0_g2_NA.pdf)	-5.24	2.80e-03	5.30e-02
isogroup10497_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10497_c1_g1_NA.pdf)	-5.23	2.68e-03	5.12e-02
isogroup5751_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5751_c0_g3_NA.pdf)	-5.23	1.68e-03	3.79e-02
isogroup3333_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3333_c0_g3_NA.pdf)	-5.22	4.10e-03	6.59e-02
isogroup33962_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup33962_c0_g1_NA.pdf)	-5.22	4.01e-03	6.54e-02
isogroup36543_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup36543_c0_g1_NA.pdf)	-5.22	7.43e-04	2.13e-02
isogroup59860_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup59860_c0_g1_NA.pdf)	-5.21	6.31e-04	1.91e-02
isogroup11137_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11137_c0_g1_NA.pdf)	-5.20	3.66e-12	1.09e-09

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isogroup28782_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup28782_c0_g2_NA.pdf)	-5.20	4.13e-07 4.90e-05
isogroup5060_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5060_c0_g2_NA.pdf)	-5.20	1.91e-03 4.16e-02
isogroup77674_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup77674_c0_g2_NA.pdf)	-5.20	3.36e-03 5.92e-02
isogroup85335_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup85335_c0_g1_NA.pdf)	-5.20	5.60e-03 7.92e-02
isogroup17229_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17229_c0_g1_NA.pdf)	-5.18	6.17e-04 1.88e-02
isogroup75117_c2_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup75117_c2_g3_NA.pdf)	-5.18	1.93e-04 7.88e-03
isogroup1545_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1545_c0_g1_NA.pdf)	-5.17	1.65e-06 1.62e-04
isogroup4852_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4852_c0_g1_NA.pdf)	-5.17	1.13e-03 2.92e-02
isogroup3921_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3921_c0_g1_NA.pdf)	-5.16	5.35e-04 1.70e-02
isogroup9989_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9989_c0_g1_NA.pdf)	-5.16	1.37e-05 9.38e-04
isogroup19469_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19469_c0_g1_NA.pdf)	-5.14	4.92e-05 2.63e-03
isogroup19908_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19908_c0_g3_NA.pdf)	-5.14	3.93e-04 1.35e-02
isogroup13199_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13199_c0_g3_NA.pdf)	-5.13	3.30e-03 5.85e-02
isogroup3921_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3921_c0_g3_NA.pdf)	-5.13	2.03e-04 8.26e-03
isogroup7825_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7825_c0_g1_NA.pdf)	-5.13	1.31e-03 3.21e-02
isogroup17949_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17949_c0_g2_NA.pdf)	-5.12	3.74e-05 2.11e-03
isogroup33192_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup33192_c0_g2_NA.pdf)	-5.12	8.73e-04 2.41e-02
isogroup21766_c0_g1_NNMT_amine_N-methyltransferase		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21766_c0_g1_NNMT_...)	-5.11	1.06e-03 2.80e-02
isogroup5465_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5465_c0_g1_NA.pdf)	-5.11	1.21e-03 3.04e-02
isogroup1137_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1137_c0_g1_NA.pdf)	-5.10	5.57e-05 2.92e-03
isogroup20259_c1_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20259_c1_g2_NA.pdf)	-5.10	6.75e-03 8.79e-02
isogroup22236_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22236_c0_g1_NA.pdf)	-5.09	4.71e-04 1.55e-02
isogroup8222_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8222_c0_g1_NA.pdf)	-5.09	6.09e-03 8.28e-02
isogroup25655_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup25655_c0_g1_NA.pdf)	-5.08	6.38e-03 8.52e-02
isogroup6913_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6913_c0_g1_NA.pdf)	-5.08	4.48e-03 6.99e-02
isogroup7760_c0_g5_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7760_c0_g5_NA.pdf)	-5.08	1.81e-03 4.00e-02

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isogroup4375_c0_g1_OXSM_3-oxoacyl-[acyl-carrier-pr		-5.07	1.20e-09	2.37e-07
isogroup8231_c0_g1_NA		-5.07	1.96e-03	4.23e-02
isogroup10172_c0_g1_NA		-5.06	7.51e-07	8.30e-05
isogroup62395_c0_g1_NA		-5.06	3.47e-03	6.04e-02
isogroup3525_c4_g1_NA		-5.05	2.13e-03	4.47e-02
isogroup13130_c2_g1_Alpha-2-macroglobulin-like		-5.04	4.40e-04	1.47e-02
isogroup148318_c0_g1_NA		-5.04	2.70e-04	1.01e-02
isogroup18967_c0_g1_NA		-5.04	4.60e-05	2.49e-03
isogroup11604_c0_g1_NA		-5.01	5.18e-04	1.66e-02
isogroup13949_c0_g1_complement_activation_classi		-5.01	8.53e-04	2.36e-02
isogroup8805_c0_g2_NA		-5.01	1.62e-03	3.70e-02
isogroup32469_c0_g1_NA		-5.00	3.60e-04	1.26e-02
isogroup7782_c0_g1_NA		-5.00	1.77e-06	1.70e-04
isogroup8075_c0_g1_PTPRQ_protein_tyrosine_phosphat		-5.00	3.40e-03	5.98e-02
isogroup24780_c0_g1_NA		-4.98	7.76e-03	9.48e-02
isogroup167055_c0_g1_NA		-4.97	1.13e-04	5.15e-03
isogroup28735_c0_g1_NA		-4.97	3.37e-04	1.20e-02
isogroup41221_c0_g2_NA		-4.94	7.15e-04	2.08e-02
isogroup50005_c1_g2_NA		-4.94	2.98e-04	1.09e-02
isogroup8840_c0_g1_NA		-4.94	7.62e-10	1.56e-07
isogroup12578_c0_g1_Cyclic_nucleotide-monophospha		-4.93	2.33e-05	1.46e-03
isogroup17056_c0_g1_NA		-4.93	1.95e-04	7.96e-03
isogroup12204_c0_g3_NA		-4.92	1.32e-03	3.21e-02
isogroup36002_c0_g1_NA		-4.92	7.56e-03	9.40e-02
isogroup10071_c2_g1_SLC35F1_transmembrane_transpor		-4.91	1.37e-09	2.64e-07
isogroup14954_c0_g4_NA		-4.90	7.01e-06	5.37e-04

		From to	From to	From to
ID	Image			
		logFC	p-Value	Adjusted p-Value
isogroup18812_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup18812_c0_g2_NA.pdf)	-4.88	5.32e-03 7.71e-02
isogroup2653_c0_g4_SP9_Transcription_factor		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2653_c0_g4_SP9_Tra...)	-4.88	7.57e-03 9.40e-02
isogroup733_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup733_c0_g1_NA.pdf)	-4.87	3.26e-07 3.97e-05
isogroup34173_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup34173_c0_g2_NA.pdf)	-4.86	7.69e-03 9.45e-02
isogroup19653_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19653_c1_g1_NA.pdf)	-4.85	3.72e-05 2.11e-03
isogroup2781_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2781_c0_g2_NA.pdf)	-4.84	7.14e-03 9.11e-02
isogroup1588_c4_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1588_c4_g1_NA.pdf)	-4.81	1.96e-03 4.23e-02
isogroup16663_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup16663_c0_g1_NA.pdf)	-4.81	7.03e-06 5.38e-04
isogroup6415_c2_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6415_c2_g3_NA.pdf)	-4.79	6.54e-04 1.96e-02
isogroup1002_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1002_c0_g1_NA.pdf)	-4.78	9.34e-07 9.97e-05
isogroup396_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup396_c0_g2_NA.pdf)	-4.78	1.12e-04 5.12e-03
isogroup5700_c0_g1_Mucin_4_cell_surface_associat		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5700_c0_g1_Mucin_...)	-4.78	1.39e-03 3.35e-02
isogroup17581_c0_g1_Reverse_transcriptase_RNA-de		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17581_c0_g1_Reverse...)	-4.77	7.26e-05 3.65e-03
isogroup2421_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2421_c0_g2_NA.pdf)	-4.77	4.85e-04 1.58e-02
isogroup3230_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3230_c0_g1_NA.pdf)	-4.77	2.48e-04 9.41e-03
isogroup48228_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup48228_c1_g1_NA.pdf)	-4.75	2.88e-03 5.40e-02
isogroup24465_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup24465_c0_g1_NA.pdf)	-4.74	1.18e-06 1.20e-04
isogroup47780_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup47780_c0_g1_NA.pdf)	-4.74	7.14e-04 2.08e-02
isogroup9276_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9276_c0_g3_NA.pdf)	-4.74	2.62e-05 1.60e-03
isogroup29347_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup29347_c1_g1_NA.pdf)	-4.73	8.28e-03 9.80e-02
isogroup26772_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup26772_c0_g1_NA.pdf)	-4.72	4.82e-03 7.31e-02
isogroup14954_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14954_c0_g3_NA.pdf)	-4.71	1.61e-04 6.82e-03
isogroup139262_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup139262_c0_g1_NA.pdf)	-4.70	1.53e-04 6.56e-03
isogroup37772_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup37772_c0_g1_NA.pdf)	-4.70	4.50e-03 7.01e-02
isogroup6768_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6768_c0_g1_NA.pdf)	-4.70	3.16e-03 5.72e-02
isogroup39872_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup39872_c0_g1_NA.pdf)	-4.69	1.34e-03 3.26e-02

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isogroup4774_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4774_c0_g1_NA.pdf)	-4.69	1.24e-04	5.53e-03
isogroup104332_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup104332_c0_g1_NA.pdf)	-4.68	2.81e-04	1.04e-02
isogroup21711_c0_g1_K02A2_6-like		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21711_c0_g1_K02A2...)	-4.68	7.81e-04	2.21e-02
isogroup37521_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup37521_c0_g1_NA.pdf)	-4.68	3.44e-03	6.01e-02
isogroup7049_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7049_c0_g1_NA.pdf)	-4.67	1.56e-03	3.61e-02
isogroup14313_c2_g3_ATPase_activity_coupled_to_t		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14313_c2_g3_ATPas...)	-4.66	1.39e-03	3.35e-02
isogroup23420_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup23420_c0_g3_NA.pdf)	-4.66	1.33e-04	5.82e-03
isogroup3833_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3833_c0_g3_NA.pdf)	-4.66	3.13e-08	4.77e-06
isogroup10713_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10713_c0_g1_NA.pdf)	-4.65	3.37e-07	4.09e-05
isogroup17581_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17581_c0_g2_NA.pdf)	-4.65	3.63e-03	6.17e-02
isogroup27174_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup27174_c0_g1_NA.pdf)	-4.65	6.36e-03	8.51e-02
isogroup1667_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1667_c0_g1_NA.pdf)	-4.64	2.73e-10	6.26e-08
isogroup1530_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1530_c0_g2_NA.pdf)	-4.61	1.09e-04	5.01e-03
isogroup16276_c5_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup16276_c5_g1_NA.pdf)	-4.60	1.91e-03	4.16e-02
isogroup30385_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup30385_c0_g2_NA.pdf)	-4.60	3.18e-03	5.73e-02
isogroup23495_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup23495_c0_g2_NA.pdf)	-4.58	6.76e-05	3.43e-03
isogroup5154_c1_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5154_c1_g2_NA.pdf)	-4.58	3.32e-05	1.95e-03
isogroup9386_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9386_c0_g1_NA.pdf)	-4.57	3.14e-04	1.14e-02
isogroup3117_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3117_c1_g1_NA.pdf)	-4.56	1.20e-03	3.04e-02
isogroup33324_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup33324_c0_g1_NA.pdf)	-4.55	5.86e-04	1.81e-02
isogroup3317_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3317_c0_g1_NA.pdf)	-4.51	4.80e-06	3.98e-04
isogroup5217_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5217_c0_g3_NA.pdf)	-4.51	2.79e-05	1.69e-03
isogroup112_c0_g2_CRCP_transcription_initiation_fr		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup112_c0_g2_CRCP_tr...)	-4.50	6.95e-06	5.37e-04
isogroup11442_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11442_c0_g1_NA.pdf)	-4.50	3.29e-03	5.85e-02
isogroup12317_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12317_c0_g1_NA.pdf)	-4.50	1.36e-03	3.29e-02
isogroup15179_c0_g2_MIOX_inositol_oxygenase_activi		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15179_c0_g2_MIOX_i...)	-4.50	4.51e-09	7.99e-07

		From to	From to	From to
ID	Image			
		logFC	p-Value	Adjusted p-Value
isogroup31625_c0_g1_LRP1_Domain_of_unknown_function		-4.50	2.65e-03	5.10e-02
isogroup7187_c0_g1_NA		-4.50	4.07e-10	8.84e-08
isogroup7379_c0_g1_NA		-4.50	1.80e-08	2.83e-06
isogroup22094_c0_g1_NA		-4.48	5.95e-03	8.17e-02
isogroup275_c0_g1_NA		-4.48	1.60e-03	3.67e-02
isogroup36719_c0_g2_NA		-4.48	1.32e-04	5.80e-03
isogroup733_c0_g2_NA		-4.48	2.97e-03	5.49e-02
isogroup543_c0_g1_NA		-4.47	7.09e-04	2.07e-02
isogroup8905_c0_g1_ATPase_activity_coupled_to_tr		-4.47	1.92e-05	1.24e-03
isogroup21231_c0_g1_DNA-binding_transcription_fac		-4.46	1.16e-03	2.96e-02
isogroup25749_c0_g1_NA		-4.46	3.72e-03	6.27e-02
isogroup1062_c1_g2_NA		-4.45	5.92e-03	8.16e-02
isogroup17339_c0_g3_NA		-4.45	7.56e-03	9.39e-02
isogroup20362_c0_g1_NA		-4.45	2.16e-03	4.51e-02
isogroup2548_c0_g1_NA		-4.45	6.35e-03	8.51e-02
isogroup10177_c0_g3_NA		-4.44	7.13e-07	7.95e-05
isogroup3509_c0_g1_NA		-4.44	2.39e-07	3.03e-05
isogroup11815_c0_g1_NA		-4.43	5.62e-03	7.93e-02
isogroup3699_c0_g1_NA		-4.43	3.52e-06	3.07e-04
isogroup49511_c0_g2_NA		-4.43	3.13e-03	5.69e-02
isogroup5835_c0_g3_NA		-4.43	2.81e-03	5.31e-02
isogroup6511_c0_g1_NA		-4.43	1.73e-10	4.11e-08
isogroup28744_c0_g1_NA		-4.42	8.92e-06	6.60e-04
isogroup17035_c0_g1_NA		-4.41	1.74e-04	7.23e-03
isogroup23841_c0_g1_NA		-4.41	2.88e-03	5.39e-02
isogroup25285_c0_g2_NA		-4.41	2.45e-04	9.36e-03

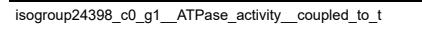
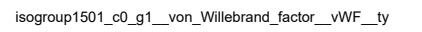
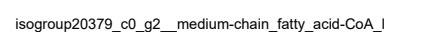
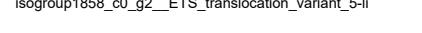
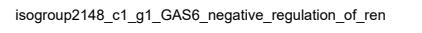
		From to	From to	From to
ID	Image			
		logFC	p-Value	Adjusted p-Value
isogroup34034_c0_g2_NA		-4.40	1.29e-03	3.17e-02
isogroup7066_c0_g1_NA		-4.40	6.97e-06	5.37e-04
isogroup37259_c0_g1_NA		-4.39	5.82e-03	8.08e-02
isogroup47763_c0_g1_NA		-4.39	2.51e-03	4.94e-02
isogroup17685_c0_g1_NA		-4.38	2.63e-03	5.09e-02
isogroup25461_c1_g1_NA		-4.38	7.35e-04	2.12e-02
isogroup30421_c0_g1_NA		-4.38	4.03e-03	6.54e-02
isogroup30690_c0_g1_NA		-4.38	3.21e-04	1.16e-02
isogroup31227_c1_g4_NA		-4.38	6.95e-04	2.04e-02
isogroup6577_c0_g4_NA		-4.37	2.25e-03	4.63e-02
isogroup53577_c0_g1_NA		-4.36	4.44e-05	2.42e-03
isogroup23664_c0_g1_NA		-4.35	1.33e-05	9.20e-04
isogroup46150_c0_g1_NA		-4.35	1.52e-03	3.55e-02
isogroup6561_c0_g2_NA		-4.35	8.66e-04	2.39e-02
isogroup28901_c2_g1_NA		-4.34	1.28e-03	3.17e-02
isogroup18121_c1_g2__DDE_superfamily_endonuclease		-4.33	1.66e-03	3.78e-02
isogroup18350_c0_g2_NA		-4.33	3.10e-03	5.67e-02
isogroup3183_c0_g2_NA		-4.33	1.06e-05	7.66e-04
isogroup81974_c1_g1_NA		-4.33	3.77e-03	6.30e-02
isogroup81994_c1_g1_NA		-4.33	8.01e-03	9.61e-02
isogroup3397_c0_g2_NA		-4.32	3.87e-03	6.38e-02
isogroup7659_c0_g1__gamma-aminobutyric_acid_type_B		-4.30	4.96e-04	1.61e-02
isogroup14211_c0_g1_NA		-4.29	1.51e-03	3.54e-02
isogroup5421_c0_g2_NA		-4.29	1.99e-04	8.09e-03
isogroup5846_c0_g5_NA		-4.29	6.62e-05	3.37e-03
isogroup9028_c0_g4_NA		-4.29	2.54e-05	1.56e-03

		From to	From to	From to
ID	Image			
		logFC	p-Value	Adjusted p-Value
isogroup7799_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7799_c0_g1_NA.pdf)	-4.28	4.84e-05 2.60e-03
isogroup27939_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup27939_c0_g2_NA.pdf)	-4.27	1.12e-03 2.91e-02
isogroup29066_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup29066_c0_g2_NA.pdf)	-4.27	4.14e-03 6.61e-02
isogroup32228_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup32228_c1_g1_NA.pdf)	-4.27	4.89e-03 7.36e-02
isogroup36060_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup36060_c0_g1_NA.pdf)	-4.27	3.73e-03 6.28e-02
isogroup16579_c0_g1_GNBP5_Glycosyl_hydrolases_fam		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup16579_c0_g1_GNBP5...)	-4.26	1.07e-04 4.97e-03
isogroup9392_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9392_c0_g2_NA.pdf)	-4.26	1.47e-05 9.89e-04
isogroup14313_c2_g1_ATPase_activity_coupled_to_t		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14313_c2_g1_ATPas...)	-4.25	4.80e-07 5.52e-05
isogroup19334_c0_g1_Fcna_Extracellular_lectin_func		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19334_c0_g1_Fcna_E...)	-4.25	6.10e-05 3.13e-03
isogroup34513_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup34513_c0_g1_NA.pdf)	-4.25	7.97e-03 9.61e-02
isogroup3747_c0_g1_SDSDL_serine_dehydratase-like		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3747_c0_g1_SDSDL_s...)	-4.25	7.92e-06 5.98e-04
isogroup50278_c0_g1_TRIM71_miRNA_binding		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup50278_c0_g1_TRIM7...)	-4.25	5.32e-03 7.71e-02
isogroup8253_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8253_c0_g2_NA.pdf)	-4.25	7.11e-04 2.07e-02
isogroup16574_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup16574_c1_g1_NA.pdf)	-4.23	8.43e-04 2.35e-02
isogroup29887_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup29887_c0_g1_NA.pdf)	-4.23	1.08e-03 2.83e-02
isogroup49538_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup49538_c0_g1_NA.pdf)	-4.23	3.99e-03 6.53e-02
isogroup9402_c0_g4_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9402_c0_g4_NA.pdf)	-4.23	8.03e-04 2.26e-02
isogroup3706_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3706_c0_g2_NA.pdf)	-4.21	1.11e-05 7.90e-04
isogroup38330_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup38330_c0_g1_NA.pdf)	-4.21	6.69e-06 5.23e-04
isogroup17602_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17602_c0_g2_NA.pdf)	-4.20	7.98e-09 1.31e-06
isogroup69028_c2_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup69028_c2_g1_NA.pdf)	-4.20	1.91e-03 4.16e-02
isogroup4040_c0_g1_phosphoenolpyruvate_carboxykin		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4040_c0_g1_phospho...)	-4.19	1.63e-05 1.07e-03
isogroup7659_c0_g2_GABBR2_gamma-aminobutyric_acid_-		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7659_c0_g2_GABBR2...)	-4.19	8.98e-05 4.33e-03
isogroup83600_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup83600_c0_g1_NA.pdf)	-4.19	4.37e-03 6.89e-02
isogroup33027_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup33027_c0_g1_NA.pdf)	-4.18	5.09e-03 7.54e-02
isogroup9073_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9073_c0_g1_NA.pdf)	-4.18	1.55e-03 3.60e-02

ID	Image		From	From	From
			to	to	to
isogroup8868_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8868_c1_g1_NA.pdf)	-4.17	1.52e-03	3.55e-02
isogroup15991_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15991_c0_g1_NA.pdf)	-4.16	7.44e-04	2.13e-02
isogroup185_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup185_c0_g1_NA.pdf)	-4.15	3.91e-04	1.34e-02
isogroup6938_c0_g1_Belongs_to_the_beta_gamma-crys		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6938_c0_g1_Belongs...)	-4.14	2.04e-03	4.34e-02
isogroup2648_c0_g4_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2648_c0_g4_NA.pdf)	-4.13	2.58e-03	5.04e-02
isogroup28082_c1_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup28082_c1_g3_NA.pdf)	-4.13	6.25e-03	8.45e-02
isogroup8511_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8511_c0_g1_NA.pdf)	-4.13	1.61e-03	3.69e-02
isogroup9642_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9642_c0_g1_NA.pdf)	-4.12	5.95e-03	8.17e-02
isogroup19477_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19477_c0_g2_NA.pdf)	-4.11	6.56e-04	1.96e-02
isogroup74927_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup74927_c0_g1_NA.pdf)	-4.11	5.05e-03	7.49e-02
isogroup10071_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10071_c1_g1_NA.pdf)	-4.10	5.73e-04	1.79e-02
isogroup8976_c0_g4_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8976_c0_g4_NA.pdf)	-4.09	4.37e-03	6.89e-02
isogroup1722_c0_g1_Deleted_in_malignant_brain_tum		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1722_c0_g1_Deleted...)	-4.06	9.03e-11	2.21e-08
isogroup3495_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3495_c1_g1_NA.pdf)	-4.06	4.56e-03	7.07e-02
isogroup38157_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup38157_c0_g1_NA.pdf)	-4.06	3.81e-03	6.33e-02
isogroup3866_c0_g1_KDM6A_histone_H3-K27_demethylat		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3866_c0_g1_KDM6A_...)	-4.06	8.77e-07	9.45e-05
isogroup6485_c0_g1_Arrestin_or_S-antigen_C-ter		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6485_c0_g1_Arrestin...)	-4.06	7.00e-04	2.06e-02
isogroup9402_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9402_c0_g1_NA.pdf)	-4.06	6.31e-04	1.91e-02
isogroup1746_c1_g1_PKM_pyruvate_kinase_activity		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1746_c1_g1_PKM_py...)	-4.05	6.01e-03	8.20e-02
isogroup39692_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup39692_c0_g1_NA.pdf)	-4.05	2.23e-03	4.61e-02
isogroup83475_c3_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup83475_c3_g3_NA.pdf)	-4.05	7.03e-04	2.06e-02
isogroup5100_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5100_c0_g1_NA.pdf)	-4.04	5.76e-04	1.79e-02
isogroup8331_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8331_c0_g1_NA.pdf)	-4.04	8.09e-10	1.64e-07
isogroup12428_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12428_c0_g1_NA.pdf)	-4.02	3.10e-06	2.77e-04
isogroup80582_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup80582_c0_g1_NA.pdf)	-4.02	1.53e-03	3.58e-02
isogroup8668_c0_g1_Ankyrin_repeat		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8668_c0_g1_Ankyrin...)	-4.02	3.36e-04	1.20e-02

		From to	From to	From to
ID	Image			
		logFC	p-Value	Adjusted p-Value
isogroup19521_c0_g2_NA		-4.01	1.26e-03	3.13e-02
isogroup5897_c0_g3_NA		-4.01	1.46e-03	3.45e-02
isogroup213_c0_g1_NA		-4.00	7.23e-04	2.10e-02
isogroup11947_c0_g2_NA		-3.99	6.83e-03	8.86e-02
isogroup12564_c0_g2_NA		-3.99	2.52e-03	4.94e-02
isogroup535_c0_g1_Fcna_Extracellular_lectin_functi		-3.99	1.77e-05	1.14e-03
isogroup6396_c0_g4_NA		-3.99	1.29e-03	3.18e-02
isogroup8255_c3_g1_NA		-3.99	6.19e-03	8.38e-02
isogroup35143_c0_g3_NA		-3.98	3.60e-03	6.16e-02
isogroup8456_c0_g2_fast_calcium_ion-dependent_ex		-3.98	2.31e-05	1.46e-03
isogroup27763_c0_g1_NA		-3.97	6.21e-03	8.40e-02
isogroup2935_c0_g1_Deleted_in_malignant_brain_tum		-3.97	1.54e-03	3.58e-02
isogroup6561_c2_g1_NA		-3.97	5.23e-06	4.25e-04
isogroup24098_c0_g1_NA		-3.96	2.60e-04	9.79e-03
isogroup79779_c0_g2_NA		-3.96	5.22e-03	7.61e-02
isogroup820_c1_g1_NA		-3.96	2.42e-04	9.25e-03
isogroup42270_c0_g1_NA		-3.95	4.32e-03	6.82e-02
isogroup535_c0_g2_Fibrinogen-related_domains_FRe		-3.95	4.95e-03	7.42e-02
isogroup647_c1_g2_NA		-3.95	6.27e-03	8.47e-02
isogroup13949_c0_g4_peptidase_inhibitor_activity		-3.94	2.16e-04	8.58e-03
isogroup16791_c0_g1_NA		-3.93	3.53e-05	2.03e-03
isogroup12398_c0_g1_NA		-3.92	2.15e-04	8.58e-03
isogroup23934_c0_g1_gamma-aminobutyric_acid_type_		-3.92	8.56e-07	9.30e-05
isogroup6016_c0_g3_NA		-3.92	7.74e-07	8.49e-05
isogroup140631_c0_g1_NA		-3.91	8.41e-03	9.87e-02
isogroup472_c0_g1_NA		-3.91	4.12e-07	4.90e-05

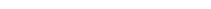
		From to	From to	From to
ID	Image			
		logFC	p-Value	Adjusted p-Value
isogroup59_c6_g1_NA		-3.91	6.47e-03	8.60e-02
isogroup12262_c0_g1_NA		-3.90	8.13e-05	3.98e-03
isogroup13701_c0_g1_NA		-3.90	7.09e-04	2.07e-02
isogroup22020_c0_g1_NA		-3.90	1.41e-03	3.37e-02
isogroup6308_c0_g3_NA		-3.90	9.41e-07	9.98e-05
isogroup11649_c0_g1_NA		-3.89	1.10e-04	5.06e-03
isogroup11670_c1_g1_TRPA1_Transient_receptor_poten		-3.89	3.77e-03	6.30e-02
isogroup2229_c1_g1_NA		-3.89	1.45e-06	1.46e-04
isogroup13081_c0_g1_NA		-3.88	3.47e-04	1.23e-02
isogroup55549_c2_g2_NA		-3.88	1.21e-03	3.05e-02
isogroup7064_c0_g1_NA		-3.88	2.77e-04	1.03e-02
isogroup1202_c0_g4_Starch_carbohydrate-binding_mo		-3.87	9.18e-04	2.50e-02
isogroup30385_c0_g1_NA		-3.87	3.43e-03	6.00e-02
isogroup13628_c0_g1_NA		-3.86	6.46e-04	1.94e-02
isogroup15416_c4_g1_NA		-3.86	1.22e-05	8.55e-04
isogroup2421_c0_g1_NA		-3.86	1.20e-06	1.22e-04
isogroup8607_c0_g3_NA		-3.85	1.46e-05	9.89e-04
isogroup17541_c1_g2_NA		-3.84	4.00e-03	6.53e-02
isogroup30852_c0_g1_NA		-3.84	2.06e-03	4.36e-02
isogroup11267_c0_g1_NA		-3.83	4.52e-07	5.23e-05
isogroup5994_c0_g1_NA		-3.83	2.02e-06	1.93e-04
isogroup51236_c0_g2_NA		-3.82	6.01e-03	8.21e-02
isogroup6257_c0_g1_NA		-3.82	1.76e-05	1.14e-03
isogroup971_c0_g1_phosphoenolpyruvate_carboxykinase		-3.82	4.00e-06	3.45e-04
isogroup12006_c0_g1_NA		-3.81	2.05e-03	4.36e-02
isogroup3733_c0_g1_CD109_CD109_molecule		-3.81	1.76e-06	1.70e-04

		From to	From to	From to
ID	Image			
		logFC	p-Value	Adjusted p-Value
isogroup24398_c0_g1_ATPase_activity_coupled_to_t		-3.80	4.67e-06	3.91e-04
isogroup21946_c0_g1_NA		-3.79	6.81e-03	8.85e-02
isogroup6713_c0_g1_NA		-3.79	6.29e-03	8.48e-02
isogroup940_c0_g2_NA		-3.79	2.24e-05	1.42e-03
isogroup25101_c0_g1_NA		-3.78	2.45e-03	4.87e-02
isogroup1316_c0_g1_Belongs_to_the_glycosyl_hydrolytic_enzyme		-3.77	3.05e-04	1.11e-02
isogroup140156_c0_g1_NA		-3.77	1.92e-03	4.17e-02
isogroup1501_c0_g1_von_Willebrand_factor_vWF_ty		-3.77	9.04e-06	6.67e-04
isogroup10190_c0_g3_NA		-3.76	9.98e-04	2.67e-02
isogroup13673_c0_g1_NA		-3.76	1.41e-03	3.37e-02
isogroup17286_c0_g7_TAX1BP1_apoptotic_process		-3.76	9.13e-07	9.80e-05
isogroup20379_c0_g2_medium-chain_fatty_acid-CoA_l		-3.76	2.32e-05	1.46e-03
isogroup6358_c0_g1_NA		-3.76	3.74e-03	6.28e-02
isogroup8329_c0_g1_NA		-3.76	3.52e-03	6.09e-02
isogroup12297_c2_g1_NA		-3.75	1.37e-05	9.35e-04
isogroup3351_c2_g1_NA		-3.75	1.46e-04	6.33e-03
isogroup1858_c0_g2_ETS_translocation_variant_5-li		-3.74	2.27e-06	2.09e-04
isogroup2148_c1_g1_GAS6_negative_regulation_of_ren		-3.74	2.89e-03	5.40e-02
isogroup31212_c0_g1_NA		-3.74	3.42e-03	6.00e-02
isogroup5154_c1_g1_NA		-3.73	9.42e-07	9.98e-05
isogroup5515_c0_g2_CTU1_Plays_a_central_role_in_2-		-3.73	4.23e-08	6.29e-06
isogroup5834_c0_g1_negative_regulation_of_non-can		-3.73	1.12e-05	7.96e-04
isogroup9542_c0_g1_NA		-3.73	1.47e-04	6.35e-03
isogroup20083_c1_g2_NA		-3.72	3.39e-03	5.97e-02
isogroup2552_c0_g1_LRP1_Domain_of_unknown_function		-3.72	3.74e-03	6.28e-02
isogroup526_c0_g1_NA		-3.72	1.38e-05	9.41e-04

		From to	From to	From to
ID	Image			
		logFC	p-Value	Adjusted p-Value
isogroup15416_c1_g5_Pepck_GTP_binding_It_is_invol		-3.70	5.59e-05	2.92e-03
isogroup23694_c0_g1_NA		-3.70	1.54e-03	3.58e-02
isogroup336_c0_g1_NA		-3.70	4.90e-04	1.59e-02
isogroup30652_c0_g1_GTP_binding_It_is_involved_i		-3.69	3.66e-05	2.08e-03
isogroup11485_c0_g2_NA		-3.68	1.15e-03	2.96e-02
isogroup15416_c1_g1_phosphoenolpyruvate_carboxyki		-3.68	6.63e-06	5.20e-04
isogroup21638_c0_g1_activation_of_NF-kappaB-induc		-3.68	2.34e-03	4.74e-02
isogroup2539_c0_g1_NA		-3.68	1.59e-09	2.99e-07
isogroup7337_c0_g1_NA		-3.68	2.53e-03	4.97e-02
isogroup3094_c13_g1_NA		-3.67	6.04e-03	8.23e-02
isogroup6380_c0_g1_SMC6_Structural_maintenance_of		-3.67	5.23e-04	1.67e-02
isogroup30398_c0_g1_NA		-3.66	2.15e-10	5.02e-08
isogroup4782_c0_g4_NA		-3.65	4.87e-04	1.58e-02
isogroup4129_c0_g1_NA		-3.64	8.51e-04	2.36e-02
isogroup4344_c0_g1_TGFBR1_Transmembrane_serine_thr		-3.63	5.31e-07	6.06e-05
isogroup472_c0_g2_NA		-3.63	1.00e-06	1.05e-04
isogroup51104_c0_g1_NA		-3.62	2.64e-03	5.09e-02
isogroup37757_c0_g1_GTPase_activity		-3.61	1.68e-06	1.64e-04
isogroup12204_c0_g1_NA		-3.60	3.96e-04	1.35e-02
isogroup12830_c0_g1_NA		-3.60	8.49e-04	2.36e-02
isogroup2608_c0_g1_NA		-3.60	7.48e-03	9.38e-02
isogroup4657_c1_g1_NA		-3.60	2.31e-05	1.46e-03
isogroup13293_c0_g5_NA		-3.59	2.26e-03	4.63e-02
isogroup16236_c0_g2_NA		-3.59	8.09e-03	9.67e-02
isogroup1697_c0_g1_SOX14_Transcription_factor_SOX-		-3.59	1.98e-05	1.27e-03
isogroup5154_c0_g1_NA		-3.59	6.62e-07	7.45e-05

ID	Image		From	From	From
			to	to	to
isogroup56898_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup56898_c1_g1_NA.pdf)	-3.59	1.32e-04	5.80e-03
isogroup6503_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6503_c0_g1_NA.pdf)	-3.59	1.07e-03	2.82e-02
isogroup69165_c0_g1_EF-hand_domain_pair		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup69165_c0_g1_EF-hand_domain_pair.pdf)	-3.59	1.55e-04	6.63e-03
isogroup7837_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7837_c0_g1_NA.pdf)	-3.59	8.01e-03	9.61e-02
isogroup967_c1_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup967_c1_g2_NA.pdf)	-3.59	6.93e-04	2.04e-02
isogroup36939_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup36939_c0_g1_NA.pdf)	-3.58	3.66e-05	2.08e-03
isogroup37386_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup37386_c0_g2_NA.pdf)	-3.58	2.31e-03	4.71e-02
isogroup1644_c0_g3_TSC1_Tuberous_sclerosis		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1644_c0_g3_TSC1_Tuberous_sclerosis.pdf)	-3.57	2.34e-09	4.27e-07
isogroup30663_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup30663_c0_g1_NA.pdf)	-3.57	3.24e-03	5.80e-02
isogroup396_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup396_c0_g1_NA.pdf)	-3.57	2.47e-03	4.89e-02
isogroup4565_c0_g2_ZIP_Zinc_transporter		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4565_c0_g2_ZIP_Zinc_transporter.pdf)	-3.57	6.36e-04	1.92e-02
isogroup5017_c0_g1_It_is_involved_in_the_biological_process		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5017_c0_g1_It_is_involved_in_the_biological_process.pdf)	-3.57	3.83e-05	2.15e-03
isogroup7483_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7483_c0_g1_NA.pdf)	-3.57	2.06e-04	8.30e-03
isogroup13517_c2_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13517_c2_g1_NA.pdf)	-3.56	5.51e-03	7.87e-02
isogroup13642_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13642_c0_g1_NA.pdf)	-3.56	2.35e-04	9.12e-03
isogroup16893_c0_g1_PHKG1_phosphorylase_kinase_act		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup16893_c0_g1_PHKG1_phosphorylase_kinase_act.pdf)	-3.56	3.98e-04	1.36e-02
isogroup22934_c0_g1_PTPRQ_protein_tyrosine_phosphatase		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22934_c0_g1_PTPRQ_protein_tyrosine_phosphatase.pdf)	-3.56	7.07e-05	3.56e-03
isogroup21532_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21532_c0_g1_NA.pdf)	-3.55	6.57e-04	1.96e-02
isogroup1530_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1530_c0_g1_NA.pdf)	-3.54	3.56e-04	1.25e-02
isogroup42255_c0_g1_NA	<img alt="Boxplot showing differential gene expression analysis with DESeq2 AvH all data. Y-axis ranges from -3.5 to 3.5. X-axis categories include isogroup56898_c1_g1_NA, isogroup6503_c0_g1_NA, isogroup69165_c0_g1_EF-hand_domain_pair, isogroup7837_c0_g1_NA, isogroup967_c1_g2_NA, isogroup36939_c0_g1_NA, isogroup37386_c0_g2_NA, isogroup1644_c0				

		From to	From to	From to
ID	Image			
		logFC	p-Value	Adjusted p-Value
isogroup122519_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup122519_c0_g1_NA.pdf)	-3.50	3.41e-03 5.99e-02
isogroup10369_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10369_c0_g1_NA.pdf)	-3.48	3.00e-04 1.10e-02
isogroup13612_c0_g1_NE01_positive_regulation_of_BM		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13612_c0_g1_NE01...)	-3.48	2.48e-04 9.41e-03
isogroup5751_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5751_c0_g2_NA.pdf)	-3.48	1.02e-03 2.72e-02
isogroup85_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup85_c1_g1_NA.pdf)	-3.48	8.51e-03 9.96e-02
isogroup14467_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14467_c0_g1_NA.pdf)	-3.47	2.08e-04 8.36e-03
isogroup8607_c0_g1_ADO_cysteamine dioxygenase_acti		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8607_c0_g1_ADO_cy...)	-3.47	1.10e-08 1.77e-06
isogroup30479_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup30479_c1_g1_NA.pdf)	-3.46	7.42e-03 9.31e-02
isogroup1694_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1694_c0_g2_NA.pdf)	-3.45	4.27e-06 3.67e-04
isogroup17725_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17725_c0_g2_NA.pdf)	-3.45	1.09e-05 7.78e-04
isogroup1217_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1217_c0_g2_NA.pdf)	-3.44	3.04e-07 3.74e-05
isogroup18629_c0_g1_TRABD2B_positive_regulation_of		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup18629_c0_g1_TRABD...)	-3.44	5.55e-04 1.74e-02
isogroup983_c5_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup983_c5_g1_NA.pdf)	-3.44	3.32e-03 5.87e-02
isogroup273_c2_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup273_c2_g1_NA.pdf)	-3.43	5.04e-03 7.48e-02
isogroup14238_c0_g1_SOWAHA_Sosondowah_ankyrin_repe		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14238_c0_g1_SOWA...)	-3.42	3.72e-04 1.30e-02
isogroup7740_c1_g1_ITGB2_integrin		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7740_c1_g1_ITGB2_i...)	-3.42	2.24e-04 8.80e-03
isogroup81339_c0_g4_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup81339_c0_g4_NA.pdf)	-3.42	2.74e-03 5.20e-02
isogroup14108_c0_g2_Domain_of_unknown_function_D		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14108_c0_g2_Domai...)	-3.41	1.78e-05 1.15e-03
isogroup26592_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup26592_c0_g1_NA.pdf)	-3.41	4.77e-04 1.56e-02
isogroup44747_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup44747_c0_g1_NA.pdf)	-3.41	1.12e-04 5.12e-03
isogroup6017_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6017_c0_g1_NA.pdf)	-3.41	3.16e-05 1.88e-03
isogroup14231_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14231_c0_g1_NA.pdf)	-3.40	5.04e-04 1.62e-02
isogroup17029_c0_g1_PTPRQ_Sidekick_cell_adhesion_m		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17029_c0_g1_PTPRQ...)	-3.40	2.50e-03 4.93e-02
isogroup3359_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3359_c0_g1_NA.pdf)	-3.40	5.81e-11 1.48e-08
isogroup3604_c0_g1_BCL2L2_Bcl-2-like_protein_2		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3604_c0_g1_BCL2L2...)	-3.40	7.84e-04 2.22e-02
isogroup53229_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup53229_c0_g2_NA.pdf)	-3.40	8.00e-03 9.61e-02

ID	Image		From	From	From
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isogroup6674_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6674_c0_g1_NA.pdf)	-3.40	3.50e-03	6.07e-02
isogroup10093_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10093_c0_g1_NA.pdf)	-3.39	9.48e-04	2.57e-02
isogroup12678_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12678_c0_g1_NA.pdf)	-3.39	9.53e-04	2.58e-02
isogroup13223_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13223_c0_g2_NA.pdf)	-3.39	4.09e-04	1.38e-02
isogroup13655_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13655_c0_g1_NA.pdf)	-3.39	1.97e-03	4.23e-02
isogroup14565_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14565_c0_g2_NA.pdf)	-3.39	7.60e-03	9.40e-02
isogroup17350_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17350_c0_g1_NA.pdf)	-3.39	5.30e-04	1.69e-02
isogroup6981_c1_g5_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6981_c1_g5_NA.pdf)	-3.39	4.94e-04	1.60e-02
isogroup711_c0_g1_PTPRQ_protein_tyrosine_phosphatase		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup711_c0_g1_PTPRQ_p...)	-3.39	2.11e-03	4.45e-02
isogroup11852_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11852_c1_g1_NA.pdf)	-3.38	1.52e-05	1.02e-03
isogroup20148_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20148_c0_g1_NA.pdf)	-3.38	6.30e-03	8.48e-02
isogroup6634_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6634_c0_g1_NA.pdf)	-3.38	4.19e-03	6.67e-02
isogroup782_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup782_c0_g1_NA.pdf)	-3.38	3.57e-05	2.04e-03
isogroup15193_c0_g2_activation_of_NF-kappaB-induc		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15193_c0_g2_activat...)	-3.37	7.36e-04	2.12e-02
isogroup24203_c0_g1_Protein_phosphatase_2C		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup24203_c0_g1_Protei...)	-3.37	5.25e-05	2.77e-03
isogroup3513_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3513_c0_g1_NA.pdf)	-3.36	4.42e-05	2.41e-03
isogroup4616_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4616_c0_g1_NA.pdf)	-3.35	1.43e-07	1.91e-05
isogroup2049_c0_g2_SQRDL_Sulfide_quinone		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2049_c0_g2_SQRDL_...)	-3.33	4.67e-06	3.91e-04
isogroup11418_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11418_c0_g1_NA.pdf)	-3.32	6.21e-03	8.40e-02
isogroup113006_c0_g1_RPL11_rRNA_binding		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup113006_c0_g1_RPL11...)	-3.30	7.83e-03	9.52e-02
isogroup11464_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11464_c0_g1_NA.pdf)	-3.30	1.34e-04	5.84e-03
isogroup1581_c0_g2_GATSL3_GATS-like_protein		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1581_c0_g2_GATSL3...)	-3.30	9.68e-04	2.61e-02
isogroup6808_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6808_c0_g1_NA.pdf)	-3.29	1.56e-04	6.65e-03
isogroup1940_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1940_c0_g2_NA.pdf)	-3.28	8.56e-03	9.96e-02
isogroup6013_c0_g1_TGFB1_Transforming_growth_facto		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6013_c0_g1_TGFB1_...)	-3.28	4.74e-03	7.25e-02
isogroup81597_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup81597_c0_g1_NA.pdf)	-3.28	4.65e-06	3.91e-04

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ID	Image			
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isogroup1202_c0_g1_Starch_carbohydrate-binding_mo		-3.26	6.18e-04	1.88e-02
isogroup17602_c0_g1_NA		-3.26	1.54e-06	1.53e-04
isogroup5386_c0_g1_HYR_domain		-3.26	3.46e-03	6.04e-02
isogroup17964_c0_g1_NA		-3.25	3.99e-04	1.36e-02
isogroup412_c1_g1_NA		-3.25	4.86e-03	7.34e-02
isogroup5237_c0_g1_NA		-3.24	1.19e-05	8.38e-04
isogroup6474_c0_g2_NA		-3.24	6.54e-03	8.65e-02
isogroup6537_c0_g2_NA		-3.24	3.04e-04	1.11e-02
isogroup8857_c0_g1_renal_vesicle_induction		-3.24	5.73e-04	1.79e-02
isogroup1546_c0_g1_NA		-3.23	6.55e-04	1.96e-02
isogroup2204_c0_g1_NA		-3.23	3.46e-03	6.04e-02
isogroup5636_c0_g1_CRBN_metal_ion_binding		-3.23	6.94e-06	5.37e-04
isogroup5838_c0_g1_Belongs_to_the_major_facilitat		-3.23	1.65e-03	3.76e-02
isogroup1065_c0_g1_OXCT1_3-oxoacid_CoA-transferase		-3.22	7.23e-03	9.16e-02
isogroup12518_c0_g3_NA		-3.22	7.80e-03	9.51e-02
isogroup14329_c1_g1_NA		-3.22	4.78e-03	7.27e-02
isogroup17233_c0_g1_NA		-3.22	2.23e-04	8.79e-03
isogroup18205_c0_g2_NA		-3.22	5.22e-06	4.25e-04
isogroup18677_c0_g1_NA		-3.22	5.57e-06	4.49e-04
isogroup7882_c0_g1_NA		-3.22	3.68e-04	1.28e-02
isogroup2767_c0_g2_PPTC7_Protein_phosphatase_PTC7_-		-3.21	1.34e-05	9.26e-04
isogroup33382_c0_g3_NA		-3.21	4.04e-03	6.55e-02
isogroup50337_c2_g2_NA		-3.21	2.39e-04	9.17e-03
isogroup6231_c0_g2_NA		-3.21	5.93e-03	8.17e-02
isogroup11913_c0_g1_NA		-3.20	3.73e-04	1.30e-02
isogroup43326_c1_g2_NA		-3.20	8.48e-03	9.94e-02

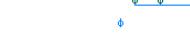
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isogroup12406_c0_g1_NA		-3.19	1.39e-03	3.35e-02
isogroup24209_c2_g2_NA		-3.19	6.83e-06	5.32e-04
isogroup2584_c0_g1_MIEN1_Migration_and_invasion_en		-3.19	4.08e-05	2.26e-03
isogroup26137_c0_g1_NA		-3.19	7.98e-03	9.61e-02
isogroup4196_c0_g3_NA		-3.19	1.02e-03	2.71e-02
isogroup29655_c0_g1_NA		-3.18	3.11e-03	5.67e-02
isogroup49039_c0_g1_NA		-3.18	1.76e-04	7.29e-03
isogroup1152_c0_g2_NA		-3.17	1.60e-05	1.06e-03
isogroup30491_c0_g1_NA		-3.17	4.02e-03	6.54e-02
isogroup8043_c2_g2_NA		-3.17	7.81e-03	9.51e-02
isogroup10012_c0_g1_NA		-3.15	9.50e-04	2.58e-02
isogroup10841_c0_g2_TNN_Fibrinogen-related_domains		-3.15	4.34e-04	1.45e-02
isogroup11996_c0_g2_NA		-3.15	1.80e-03	4.00e-02
isogroup12281_c0_g3_LNX2_ligand_of_numb-protein_X		-3.15	2.06e-06	1.94e-04
isogroup14352_c0_g1_NA		-3.15	4.06e-03	6.56e-02
isogroup18328_c0_g2_HSPA5_Belongs_to_the_heat_shoc		-3.14	1.51e-03	3.54e-02
isogroup4432_c0_g1_SNED1_Sushi_nidogen_and_EGF-li		-3.14	8.26e-08	1.17e-05
isogroup6850_c0_g2_NA		-3.14	7.18e-03	9.14e-02
isogroup18933_c1_g1_NA		-3.13	4.96e-03	7.42e-02
isogroup2788_c0_g2_Alpha_amylase_catalytic_domai		-3.13	2.85e-07	3.54e-05
isogroup26786_c0_g1_NA		-3.12	2.71e-04	1.01e-02
isogroup5627_c0_g1_NA		-3.12	2.97e-03	5.49e-02
isogroup6803_c0_g1_complement_activation_classic		-3.12	7.78e-05	3.84e-03
isogroup686_c0_g1_NA		-3.12	2.68e-05	1.63e-03
isogroup13894_c0_g1_NA		-3.11	5.75e-03	8.02e-02

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ID	Image			
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isogroup2799_c0_g2_NA		-3.11	1.07e-04	4.97e-03
isogroup19406_c0_g1_NA		-3.10	5.21e-04	1.67e-02
isogroup13767_c0_g1_NA		-3.09	7.06e-03	9.04e-02
isogroup1386_c0_g1_NA		-3.09	9.05e-05	4.36e-03
isogroup4_c5_g1_FLI1_sequence-specific_DNA_binding		-3.09	1.59e-03	3.66e-02
isogroup6806_c0_g1_scavenger_receptor_activity		-3.09	6.52e-03	8.64e-02
isogroup8340_c0_g1_NA		-3.09	1.29e-03	3.17e-02
isogroup27669_c2_g1_CYTH1_Cytohesin_1a		-3.08	1.51e-04	6.53e-03
isogroup6126_c0_g1_ephrin_receptor_activity		-3.08	4.81e-04	1.57e-02
isogroup10727_c0_g1_NA		-3.07	2.12e-04	8.49e-03
isogroup11888_c0_g4_fibroblast_growth_factor-acti		-3.07	8.38e-05	4.07e-03
isogroup12010_c0_g2_NA		-3.07	6.72e-03	8.78e-02
isogroup14060_c0_g1_NA		-3.07	3.12e-03	5.68e-02
isogroup280_c0_g1_NA		-3.07	3.75e-05	2.11e-03
isogroup37515_c0_g2_NA		-3.07	4.96e-06	4.06e-04
isogroup5468_c1_g1_NA		-3.07	3.86e-03	6.38e-02
isogroup6046_c0_g1_MMAA_cobalamin_biosynthetic_pro		-3.07	2.59e-04	9.77e-03
isogroup8070_c0_g1_TDRD1_DNA_methylation_involved_		-3.07	9.71e-04	2.62e-02
isogroup9690_c0_g1_NA		-3.07	3.86e-03	6.37e-02
isogroup992_c2_g1_NA		-3.07	2.30e-03	4.70e-02
isogroup16353_c0_g1_NA		-3.06	3.51e-04	1.24e-02
isogroup462_c0_g2_NA		-3.06	3.84e-03	6.37e-02
isogroup11888_c0_g3_fibroblast_growth_factor-acti		-3.05	3.37e-05	1.96e-03
isogroup1486_c0_g1_SHD_Src_homology_2_domain_conta		-3.05	9.71e-06	7.05e-04
isogroup15937_c1_g1_NA		-3.05	4.34e-03	6.84e-02
isogroup1393_c0_g1_Discoïdin_domain-containing_re		-3.03	1.18e-04	5.35e-03

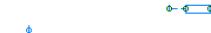
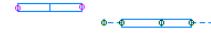
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isogroup15890_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15890_c0_g3_NA.pdf)	-3.03	4.58e-05	2.49e-03
isogroup20607_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20607_c0_g2_NA.pdf)	-3.02	3.77e-03	6.30e-02
isogroup490_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup490_c0_g1_NA.pdf)	-3.01	1.70e-03	3.84e-02
isogroup5729_c0_g1_NHL_repeat		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5729_c0_g1_NHL_re...	-3.01	3.38e-06	2.97e-04
isogroup601_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup601_c0_g1_NA.pdf)	-3.00	2.63e-06	2.39e-04
isogroup677_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup677_c1_g1_NA.pdf)	-3.00	1.18e-06	1.20e-04
isogroup9898_c0_g1_TRAF4_activation_of_NF-kappaB-i		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9898_c0_g1_TRAF4_...	-3.00	5.21e-03	7.60e-02
isogroup11606_c0_g1_TGFB11_Roundabout_binding		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11606_c0_g1_TGFB11...	-2.99	8.89e-06	6.59e-04
isogroup14575_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14575_c0_g1_NA.pdf)	-2.99	7.90e-03	9.58e-02
isogroup12281_c0_g1_LNX2_ligand_of_numb-protein_X		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12281_c0_g1_LNX2_li...	-2.98	4.75e-04	1.56e-02
isogroup1982_c1_g2_ITGB5_integrin		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1982_c1_g2_ITGB5_i...	-2.98	3.04e-03	5.56e-02
isogroup3001_c0_g1_tag-147_Kelch		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3001_c0_g1_tag-147_...	-2.98	7.41e-03	9.31e-02
isogroup53659_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup53659_c0_g1_NA.pdf)	-2.98	4.45e-03	6.97e-02
isogroup969_c0_g1_SMC6_recombinational_repair		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup969_c0_g1_SMC6_re...	-2.98	5.22e-03	7.61e-02
isogroup19790_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19790_c0_g1_NA.pdf)	-2.97	4.80e-03	7.29e-02
isogroup2734_c0_g2_RPS12_Belongs_to_the_eukaryotic		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2734_c0_g2_RPS12_...	-2.97	3.30e-03	5.85e-02
isogroup373_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup373_c1_g1_NA.pdf)	-2.97	1.20e-03	3.04e-02
isogroup5757_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5757_c0_g3_NA.pdf)	-2.97	6.53e-03	8.65e-02
isogroup30900_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup30900_c0_g1_NA.pdf)	-2.96	1.21e-05	8.49e-04
isogroup4841_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4841_c0_g2_NA.pdf)	-2.96	6.63e-03	8.71e-02
isogroup4105_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4105_c1_g1_NA.pdf)	-2.95	7.95e-04	2.25e-02
isogroup52197_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup52197_c0_g1_NA.pdf)	-2.95	7.02e-03	9.02e-02
isogroup8352_c0_g1_EHF_sequence-specific_DNA_bindi		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8352_c0_g1_EHF_se...	-2.95	9.99e-05	4.72e-03
isogroup18344_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup18344_c0_g2_NA.pdf)	-2.93	7.39e-03	9.29e-02
isogroup8692_c0_g1_EGR1_positive_regulation_of_glo		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8692_c0_g1_EGR1_p...	-2.93	1.40e-03	3.35e-02
isogroup1323_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1323_c0_g1_NA.pdf)	-2.92	2.93e-04	1.08e-02

ID	Image		From	From	From
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isogroup7220_c0_g1_TC AIM_activation_inhibitor_mit		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7220_c0_g1_TC AIM_...)	-2.92	1.72e-05	1.12e-03
isogroup1982_c1_g1_ITGB2_integrin-mediated_signali		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1982_c1_g1_ITGB2_i...)	-2.90	4.70e-06	3.92e-04
isogroup6433_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6433_c0_g1_NA.pdf)	-2.90	2.14e-03	4.48e-02
isogroup6859_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6859_c0_g1_NA.pdf)	-2.90	9.15e-05	4.37e-03
isogroup11852_c0_g2_Rab_subfamily_of_small_GTPase		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11852_c0_g2_Rab_s...)	-2.89	4.35e-04	1.45e-02
isogroup14181_c0_g1_ATPase_activity_coupled_to_t		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14181_c0_g1_ATPas...)	-2.89	4.08e-05	2.26e-03
isogroup19282_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19282_c0_g1_NA.pdf)	-2.89	8.07e-03	9.66e-02
isogroup23437_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup23437_c0_g2_NA.pdf)	-2.89	3.32e-03	5.87e-02
isogroup11730_c0_g1_ATP_binding_It_is_involved_i		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11730_c0_g1_ATP_b...)	-2.88	2.42e-05	1.50e-03
isogroup16797_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup16797_c0_g1_NA.pdf)	-2.88	2.80e-04	1.04e-02
isogroup1787_c0_g1_USP54_protein_deubiquitination		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1787_c0_g1_USP54_...)	-2.88	2.57e-05	1.57e-03
isogroup4086_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4086_c1_g1_NA.pdf)	-2.88	1.44e-03	3.43e-02
isogroup648_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup648_c0_g1_NA.pdf)	-2.88	3.06e-05	1.82e-03
isogroup11684_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11684_c0_g1_NA.pdf)	-2.87	4.99e-03	7.45e-02
isogroup13881_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13881_c0_g2_NA.pdf)	-2.87	1.38e-03	3.33e-02
isogroup1398_c0_g1_SMC6_Structural_maintenance_of		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1398_c0_g1_SMC6_S...)	-2.87	5.45e-03	7.82e-02
isogroup27669_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup27669_c0_g1_NA.pdf)	-2.87	1.02e-05	7.40e-04
isogroup33537_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup33537_c0_g1_NA.pdf)	-2.87	1.21e-03	3.04e-02
isogroup13133_c0_g1_CACHD1_calcium ion_transport		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13133_c0_g1_CACH...)	-2.86	1.24e-04	5.54e-03
isogroup156_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup156_c0_g1_NA.pdf)	-2.86	1.92e-03	4.17e-02
isogroup18448_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup18448_c0_g3_NA.pdf)	-2.86	8.22e-03	9.76e-02
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isogroup8856_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8856_c0_g1_NA.pdf)	-2.86	5.13e-03	7.56e-02
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isogroup5284_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5284_c0_g1_NA.pdf)	-2.83	3.25e-04	1.17e-02
isogroup563_c0_g1_SGSM2_Small_G_protein_signaling_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup563_c0_g1_SGSM2_Small_G_protein_signaling_.pdf)	-2.83	6.41e-09	1.09e-06
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isogroup955_c1_g1_MOXD1_DBH-like_monomooxygenase_pro		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup955_c1_g1_MOXD1_DBH-like_monomooxygenase_pro.pdf)	-2.83	7.71e-03	9.46e-02
isogroup1361_c0_g1_NAB1_Conerved_region_in_Nab1		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1361_c0_g1_NAB1_Conerved_region_in_Nab1.pdf)	-2.82	2.94e-06	2.63e-04
isogroup19329_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19329_c0_g1_NA.pdf)	-2.82	3.55e-05	2.03e-03
isogroup21705_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21705_c0_g1_NA.pdf)	-2.82	2.25e-03	4.63e-02
isogroup2343_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2343_c0_g3_NA.pdf)	-2.82	6.16e-03	8.35e-02
isogroup42692_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup42692_c0_g1_NA.pdf)	-2.82	1.17e-03	2.99e-02
isogroup1322_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1322_c0_g1_NA.pdf)	-2.81	7.85e-05	3.87e-03
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isogroup4666_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4666_c0_g1_NA.pdf)	-2.80	2.14e-04	8.56e-03
isogroup5608_c0_g1_etv2_PML_body_organization		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5608_c0_g1_etv2_PML_body_organization.pdf)	-2.80	9.41e-05	4.47e-03
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isogroup1679_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1679_c0_g1_NA.pdf)	-2.79	1.32e-03	3.21e-02
isogroup2872_c0_g1_MAP1LC3A_cellular_response_to_n		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2872_c0_g1_MAP1LC3A_cellular_response_to_n.pdf)	-2.79	3.80e-05	2.14e-03
isogroup3183_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3183_c0_g1_NA.pdf)	-2.79	7.45e-05	3.72e-03

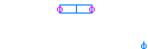
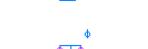
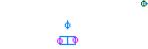
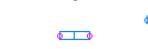
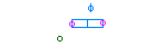
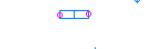
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isogroup15334_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15334_c0_g1_NA.pdf)	-2.78	6.35e-03	8.51e-02	
isogroup4382_c0_g1_GTPase_activity		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4382_c0_g1_GTPas...)	-2.78	2.17e-03	4.53e-02	
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isogroup44023_c0_g1_CREB3L1_cAMP_responsive_eleme		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup44023_c0_g1_CREB3...)	-2.77	1.26e-04	5.59e-03	
isogroup10432_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10432_c0_g1_NA.pdf)	-2.76	1.57e-03	3.62e-02	
isogroup33241_c1_g1_receptor_157		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup33241_c1_g1_recept...)	-2.76	3.27e-05	1.92e-03	
isogroup37542_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup37542_c0_g1_NA.pdf)	-2.76	1.67e-03	3.78e-02	
isogroup124_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup124_c0_g1_NA.pdf)	-2.75	3.26e-04	1.17e-02	
isogroup15097_c1_g2_PYGB_glycogen_phosphorylase_ac		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15097_c1_g2_PYGB...)	-2.75	4.84e-06	3.99e-04	
isogroup22476_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22476_c0_g1_NA.pdf)	-2.75	8.43e-03	9.89e-02	
isogroup4113_c1_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4113_c1_g2_NA.pdf)	-2.75	3.63e-03	6.17e-02	
isogroup4841_c0_g1_BCL2L1_apoptotic_process_in_bon		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4841_c0_g1_BCL2L1...)	-2.75	1.56e-03	3.61e-02	
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isogroup6777_c0_g1_embryonic_digit_morphogenesis		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6777_c0_g1_embryo...)	-2.74	5.48e-05	2.88e-03	
isogroup7230_c0_g1_TEX11_meiotic_gene_conversion		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7230_c0_g1_TEX11...)	-2.74	4.08e-03	6.57e-02	
isogroup11259_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11259_c0_g1_NA.pdf)	-2.73	1.25e-04	5.59e-03	
isogroup406_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup406_c0_g1_NA.pdf)	-2.73	6.05e-03	8.24e-02	
isogroup10_c0_g3_Domain_involved_in_innate_immu		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10_c0_g3_Domain_i...)	-2.72	1.20e-03	3.04e-02	
isogroup3832_c0_g1_SCAP_sterol_regulatory_element		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3832_c0_g1_SCAP_st...)	-2.72	2.47e-03	4.89e-02	
isogroup6348_c1_g1_protein_tyrosine_phosphatase_a		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6348_c1_g1_protei...)	-2.71	2.06e-06	1.94e-04	
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isogroup9941_c1_g1_Jtb_Jumping_translocation_break		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9941_c1_g1_Jtb_Jum...)	-2.71	1.32e-04	5.80e-03	

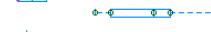
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isogroup8358_c0_g1_NA		-2.67	1.85e-04	7.64e-03
isogroup26488_c0_g1_EPHA4_Ephrin_type-A_receptor_4		-2.66	1.62e-03	3.70e-02
isogroup32450_c0_g1_NA		-2.66	2.98e-03	5.51e-02
isogroup8529_c0_g1_NA		-2.66	1.08e-03	2.82e-02
isogroup1811_c0_g1_RETSTAT_all-trans-retinol_13_14-		-2.65	4.49e-03	6.99e-02
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isogroup6825_c0_g1_NA		-2.64	7.98e-03	9.61e-02
isogroup40235_c0_g1_FBXL14_modification-dependent_-		-2.63	5.83e-04	1.81e-02
isogroup4479_c0_g2_NA		-2.63	3.99e-05	2.23e-03
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isogroup78924_c0_g1_NA		-2.63	2.68e-03	5.13e-02

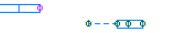
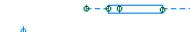
			From to	From to	From to	
ID	Image			logFC	p-Value	Adjusted p-Value
isogroup40667_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup40667_c0_g1_NA.pdf)	-2.62	8.70e-05	4.21e-03	
isogroup5354_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5354_c0_g2_NA.pdf)	-2.62	2.50e-05	1.54e-03	
isogroup1218_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1218_c0_g1_NA.pdf)	-2.61	2.06e-03	4.37e-02	
isogroup2883_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2883_c0_g1_NA.pdf)	-2.61	4.04e-04	1.37e-02	
isogroup3100_c0_g1_gcs-1_glutamate-cysteine_ligase		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3100_c0_g1_gcs-1_g...)	-2.61	6.00e-05	3.09e-03	
isogroup3403_c0_g1_Tyrosine_kinase_catalytic_dom		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3403_c0_g1_Tyrosin...)	-2.61	7.21e-03	9.16e-02	
isogroup34562_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup34562_c1_g1_NA.pdf)	-2.61	3.00e-03	5.53e-02	
isogroup44705_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup44705_c0_g1_NA.pdf)	-2.61	1.26e-07	1.70e-05	
isogroup3400_c1_g1_STAM_intracellular_protein_tran		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3400_c1_g1_STAM_in...)	-2.60	8.42e-04	2.35e-02	
isogroup3414_c0_g2_GTPase_activity		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3414_c0_g2_GTPas...)	-2.60	3.61e-07	4.36e-05	
isogroup1604_c0_g1_kinesin-3D_Belongs_to_the_TRAFA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1604_c0_g1_kinesin-3...)	-2.59	1.18e-03	2.99e-02	
isogroup10817_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10817_c0_g1_NA.pdf)	-2.58	5.08e-03	7.53e-02	
isogroup11940_c0_g1_HMCN1_Hemicentin_1		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11940_c0_g1_HMCN1...)	-2.58	4.23e-03	6.71e-02	
isogroup3392_c2_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3392_c2_g2_NA.pdf)	-2.58	6.07e-05	3.12e-03	
isogroup45659_c0_g3_KCTD20_type_B_pancreatic_cell_-		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup45659_c0_g3_KCTD2...)	-2.58	1.85e-03	4.05e-02	
isogroup6417_c1_g1_TSPAN13_cell_surface_receptor_s		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6417_c1_g1_TSPAN1...)	-2.58	1.72e-03	3.86e-02	
isogroup10744_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10744_c0_g1_NA.pdf)	-2.57	7.29e-03	9.21e-02	
isogroup11337_c1_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11337_c1_g3_NA.pdf)	-2.57	2.16e-06	2.02e-04	
isogroup12320_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12320_c0_g1_NA.pdf)	-2.57	2.66e-03	5.10e-02	
isogroup1601_c0_g1_CNKS2R2_identical_protein_bindin		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1601_c0_g1_CNKS2...)	-2.57	7.14e-04	2.08e-02	
isogroup18894_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup18894_c0_g2_NA.pdf)	-2.57	2.23e-03	4.59e-02	
isogroup4323_c0_g1_PRODH2_Converts_proline_to_delt		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4323_c0_g1_PRODH...)	-2.57	7.61e-06	5.76e-04	
isogroup7865_c0_g2_PDE7B_phosphodiesterase		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7865_c0_g2_PDE7B...)	-2.57	3.85e-04	1.33e-02	
isogroup97288_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup97288_c0_g2_NA.pdf)	-2.57	8.04e-04	2.26e-02	
isogroup10069_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10069_c0_g1_NA.pdf)	-2.56	2.92e-03	5.44e-02	
isogroup1295_c0_g1__regulation_of_mitotic_cell_cyc		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1295_c0_g1_regulati...)	-2.56	3.95e-03	6.48e-02	

		From to	From to	From to
ID	Image			
		logFC	p-Value	Adjusted p-Value
isogroup3002_c0_g1_NA		-2.56	2.38e-04	9.17e-03
isogroup6554_c0_g1_NCF4_PB1_domain		-2.56	5.13e-03	7.56e-02
isogroup7657_c0_g1_ITGB1_regulation_of_collagen_ca		-2.56	2.62e-04	9.87e-03
isogroup15644_c0_g2_activation_of_NF-kappaB-induc		-2.55	2.75e-03	5.21e-02
isogroup31760_c0_g2_Belongs_to_the_metallo-depend		-2.55	7.69e-03	9.45e-02
isogroup36245_c0_g1_NA		-2.55	3.81e-03	6.33e-02
isogroup5379_c0_g1_NA		-2.55	3.47e-03	6.04e-02
isogroup8331_c2_g1_NA		-2.55	6.11e-03	8.30e-02
isogroup8521_c0_g1_NA		-2.55	3.25e-03	5.81e-02
isogroup16033_c0_g1_ATPase_activity_coupled_to_t		-2.54	2.37e-04	9.14e-03
isogroup37490_c0_g1_NA		-2.54	2.96e-03	5.49e-02
isogroup4755_c1_g1_NA		-2.54	3.81e-03	6.33e-02
isogroup8913_c1_g1_NA		-2.54	7.60e-03	9.40e-02
isogroup1089_c1_g1_NA		-2.52	2.64e-03	5.10e-02
isogroup20551_c0_g2_NA		-2.52	7.92e-03	9.58e-02
isogroup2549_c0_g3_IP6K1_inositol_hexakisphosphate		-2.52	2.60e-03	5.05e-02
isogroup33090_c0_g2_NA		-2.52	1.62e-04	6.85e-03
isogroup77850_c0_g1_formate-tetrahydrofolate_liga		-2.52	5.78e-05	3.00e-03
isogroup23358_c0_g2_TLL1_bone_morphogenetic_protei		-2.51	8.01e-03	9.61e-02
isogroup28998_c0_g1_NA		-2.51	8.24e-03	9.77e-02
isogroup3013_c0_g1_ATPase_activity_coupled_to_tr		-2.51	2.23e-04	8.79e-03
isogroup63_c0_g1_pyridoxamine-phosphate_oxidase_a		-2.51	1.04e-04	4.85e-03
isogroup9588_c0_g1_miRNA_binding		-2.51	7.30e-03	9.21e-02
isogroup29491_c1_g1_NA		-2.50	3.66e-03	6.22e-02
isogroup78_c0_g1_TNC_mesenchymal-epithelial_cell_s		-2.50	7.63e-03	9.43e-02
isogroup3020_c1_g1_PLAC_protease_and_lacunin_do		-2.49	6.73e-03	8.78e-02

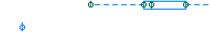
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ID	Image			
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isogroup3880_c1_g1_ppp1r11_Protein_phosphatase_1_r		-2.49	1.70e-03	3.84e-02
isogroup15769_c0_g2_NA		-2.48	7.38e-03	9.28e-02
isogroup9262_c0_g1_DNA-dependent_ATPase_and_5'-3'		-2.48	7.09e-04	2.07e-02
isogroup1449_c0_g1_gamma-aminobutyric_acid_type_B		-2.47	1.10e-04	5.06e-03
isogroup23539_c0_g1_NA		-2.47	8.36e-04	2.33e-02
isogroup6968_c1_g2_PM20D2_peptidase_M20		-2.47	2.22e-03	4.59e-02
isogroup11154_c0_g1_NA		-2.46	7.34e-03	9.24e-02
isogroup2114_c0_g1_IRS2_negative_regulation_of_pla		-2.46	7.46e-04	2.13e-02
isogroup568_c1_g1_NA		-2.46	3.12e-03	5.67e-02
isogroup85499_c0_g1_NA		-2.46	2.57e-03	5.03e-02
isogroup24974_c0_g1_NA		-2.45	6.30e-04	1.91e-02
isogroup88733_c0_g3_PTPN9_protein_tyrosine_phospha		-2.45	1.05e-03	2.76e-02
isogroup23621_c0_g1_NA		-2.44	2.66e-03	5.10e-02
isogroup6372_c0_g1_NA		-2.44	6.37e-04	1.92e-02
isogroup7440_c0_g2_NA		-2.44	6.72e-03	8.78e-02
isogroup14492_c0_g1_ATPase_activity_coupled_to_t		-2.43	8.29e-04	2.32e-02
isogroup468_c0_g2_NA		-2.43	4.15e-03	6.62e-02
isogroup7915_c0_g1_NA		-2.43	4.24e-03	6.72e-02
isogroup9331_c0_g1_PDCD7_programmed_cell_death		-2.43	2.03e-06	1.93e-04
isogroup2130_c0_g1_CSNK2B Regulation_of_protein_se		-2.42	3.22e-03	5.78e-02
isogroup3675_c0_g1_activation_of_NF-kappaB-induci		-2.42	2.28e-04	8.93e-03
isogroup45947_c0_g1_NA		-2.41	1.40e-03	3.35e-02
isogroup7250_c0_g1_Tripartite_motif-containing_pr		-2.41	5.79e-05	3.00e-03
isogroup9962_c1_g1_NA		-2.41	8.30e-03	9.81e-02
isogroup12641_c0_g3_Family_with_sequence_similari		-2.40	2.57e-03	5.03e-02
isogroup7650_c0_g1_NA		-2.40	7.98e-03	9.61e-02

		From to	From to	From to
ID	Image			
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isogroup9276_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9276_c0_g1_NA.pdf)	-2.40	6.65e-03 8.73e-02
isogroup14378_c0_g1_Belongs_to_the_protein_kinase		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14378_c0_g1_Belongs...)	-2.39	6.03e-06 4.77e-04
isogroup15017_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15017_c0_g1_NA.pdf)	-2.39	7.32e-03 9.23e-02
isogroup1633_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1633_c0_g1_NA.pdf)	-2.39	6.08e-04 1.86e-02
isogroup2961_c0_g1_TLN1_Talin_middle_domain		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2961_c0_g1_TLN1_Ta...)	-2.39	1.27e-06 1.28e-04
isogroup3771_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3771_c1_g1_NA.pdf)	-2.39	5.00e-03 7.46e-02
isogroup4738_c0_g1_ITGB2_ICAM-3_receptor_activity		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4738_c0_g1_ITGB2_I...)	-2.39	3.31e-03 5.87e-02
isogroup5421_c0_g1_FYCO1_FYVE_and_coiled-coil		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5421_c0_g1_FYCO1_...)	-2.39	5.54e-05 2.91e-03
isogroup98842_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup98842_c0_g1_NA.pdf)	-2.39	4.40e-07 5.12e-05
isogroup134_c0_g1_TRAFD1_negative_regulation_of_in		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup134_c0_g1_TRAFD1_...)	-2.38	1.96e-03 4.23e-02
isogroup1532_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1532_c0_g2_NA.pdf)	-2.38	6.05e-03 8.24e-02
isogroup5118_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5118_c0_g1_NA.pdf)	-2.38	7.15e-05 3.60e-03
isogroup8870_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8870_c0_g1_NA.pdf)	-2.38	1.17e-03 2.99e-02
isogroup126868_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup126868_c0_g1_NA.pdf)	-2.37	1.22e-03 3.05e-02
isogroup13464_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13464_c0_g1_NA.pdf)	-2.37	7.56e-03 9.39e-02
isogroup55866_c0_g1_RMND5A_proteasome-mediated_ubi		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup55866_c0_g1_RMND...)	-2.37	5.54e-04 1.74e-02
isogroup11164_c0_g1_SMC6_recombinational_repair		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11164_c0_g1_SMC6_...)	-2.36	5.17e-04 1.66e-02
isogroup1541_c5_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1541_c5_g1_NA.pdf)	-2.36	8.56e-04 2.37e-02
isogroup22075_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22075_c0_g1_NA.pdf)	-2.36	3.60e-03 6.16e-02
isogroup23450_c1_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup23450_c1_g2_NA.pdf)	-2.36	3.92e-03 6.46e-02
isogroup361_c1_g1_Belongs_to_the_G-protein_couple		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup361_c1_g1_Belongs...)	-2.36	3.20e-04 1.16e-02
isogroup11790_c3_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11790_c3_g1_NA.pdf)	-2.35	3.33e-03 5.89e-02
isogroup26163_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup26163_c0_g1_NA.pdf)	-2.35	8.25e-03 9.78e-02
isogroup22565_c0_g1_Rph_double_C2-like		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22565_c0_g1_Rph_...)	-2.34	4.03e-05 2.24e-03
isogroup27728_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup27728_c0_g2_NA.pdf)	-2.34	9.20e-04 2.50e-02
isogroup7516_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7516_c0_g2_NA.pdf)	-2.34	4.55e-03 7.06e-02

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ID	Image			
		logFC	p-Value	Adjusted p-Value
isogroup2633_c0_g1_dendritic_cell_proliferation		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2633_c0_g1_dendriti...)	-2.33	3.05e-03 5.59e-02
isogroup15785_c0_g1_LKB1_serine_threonine_kinase_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15785_c0_g1_LKB1...)	-2.32	2.37e-04 9.14e-03
isogroup1892_c0_g1_Immunoglobulin_C-2_Type		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1892_c0_g1_Immuni...)	-2.32	1.79e-03 3.99e-02
isogroup2098_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2098_c0_g1_NA.pdf)	-2.32	2.99e-04 1.09e-02
isogroup5669_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5669_c0_g2_NA.pdf)	-2.32	4.48e-04 1.49e-02
isogroup13225_c0_g1_PIK3CG_phosphatidylinositol_ki		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13225_c0_g1_PIK3C...)	-2.31	9.61e-06 7.00e-04
isogroup1557_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1557_c0_g1_NA.pdf)	-2.31	1.18e-04 5.34e-03
isogroup16508_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup16508_c0_g1_NA.pdf)	-2.30	2.64e-03 5.09e-02
isogroup62877_c0_g1_Nlrp10_NACHT_domain		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup62877_c0_g1_Nlrp10...)	-2.30	4.66e-03 7.17e-02
isogroup9416_c0_g1_protein_tyrosine_phosphatase_a		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9416_c0_g1_protein...)	-2.30	7.27e-03 9.19e-02
isogroup2403_c0_g1_N-terminal_C2_in_EEIG1_and_EHB		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2403_c0_g1_N-termi...)	-2.29	7.81e-03 9.51e-02
isogroup56194_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup56194_c0_g1_NA.pdf)	-2.29	2.14e-03 4.48e-02
isogroup684_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup684_c0_g3_NA.pdf)	-2.29	7.50e-03 9.38e-02
isogroup37697_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup37697_c0_g1_NA.pdf)	-2.28	1.46e-03 3.46e-02
isogroup14565_c0_g1_RGL1_Ral_guanine_nucleotide_di		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14565_c0_g1_RGL1...)	-2.27	3.89e-04 1.34e-02
isogroup15077_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15077_c0_g1_NA.pdf)	-2.27	4.89e-03 7.36e-02
isogroup15739_c0_g2_MUT_methylmalonyl-CoA_mutase_a		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15739_c0_g2_MUT...)	-2.27	9.30e-06 6.80e-04
isogroup17411_c0_g1_EPB41L3_Band_4_1-like_protein_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17411_c0_g1_EPB41...)	-2.27	6.38e-03 8.52e-02
isogroup18031_c0_g1_RNF150_metal_ion_binding		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup18031_c0_g1_RNF15...)	-2.27	3.62e-03 6.17e-02
isogroup29315_c0_g2_ARHGAP24_rho_GTPase-activating		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup29315_c0_g2_ARHG...)	-2.27	9.42e-04 2.56e-02
isogroup12022_c0_g3_TMBIM4_regulation_of_calcium-m		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12022_c0_g3_TMBIM...)	-2.26	1.50e-03 3.52e-02
isogroup13581_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13581_c0_g1_NA.pdf)	-2.26	4.44e-03 6.96e-02
isogroup16909_c0_g1_HPD_4-hydroxyphenylpyruvate_di		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup16909_c0_g1_HPD_4...)	-2.26	1.79e-03 3.99e-02
isogroup810_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup810_c1_g1_NA.pdf)	-2.26	1.48e-03 3.48e-02
isogroup1201_c0_g1_Zgc_153031		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1201_c0_g1_Zgc_15...)	-2.25	4.74e-03 7.25e-02
isogroup1407_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1407_c0_g1_NA.pdf)	-2.25	3.99e-03 6.53e-02

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isogroup1823_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1823_c1_g1_NA.pdf)	-2.25	7.26e-03 9.19e-02
isogroup3591_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3591_c0_g1_NA.pdf)	-2.25	4.65e-04 1.53e-02
isogroup7008_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7008_c1_g1_NA.pdf)	-2.24	5.54e-03 7.88e-02
isogroup8341_c0_g2_Insulin_gene_enhancer_protein		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8341_c0_g2_Insulin...)	-2.24	2.93e-03 5.44e-02
isogroup4118_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4118_c0_g1_NA.pdf)	-2.23	5.60e-03 7.91e-02
isogroup5284_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5284_c0_g2_NA.pdf)	-2.23	1.91e-03 4.16e-02
isogroup7858_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7858_c0_g1_NA.pdf)	-2.23	6.88e-04 2.03e-02
isogroup7984_c0_g2_ATPase_activity_coupled_to_tr		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7984_c0_g2_ATPase...)	-2.23	7.54e-04 2.15e-02
isogroup8883_c0_g1_Translation_initiation_factor_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8883_c0_g1_Transla...)	-2.22	2.85e-03 5.37e-02
isogroup2097_c0_g1_RNF167_Ring_finger_protein_167		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2097_c0_g1_RNF167...)	-2.21	3.54e-05 2.03e-03
isogroup6294_c0_g2_NACHT_domain		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6294_c0_g2_NACHT...)	-2.21	4.85e-03 7.34e-02
isogroup15687_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15687_c0_g1_NA.pdf)	-2.20	8.15e-03 9.72e-02
isogroup2929_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2929_c0_g1_NA.pdf)	-2.20	6.50e-05 3.33e-03
isogroup41194_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup41194_c0_g1_NA.pdf)	-2.20	7.71e-03 9.46e-02
isogroup967_c0_g1_SLC4A3_sodium_bicarbonate_sympor		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup967_c0_g1_SLC4A3...)	-2.20	1.68e-04 7.03e-03
isogroup1557_c0_g2_Protein_tyrosine_kinase		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1557_c0_g2_Protein...)	-2.19	1.18e-03 2.99e-02
isogroup22704_c0_g1_SLU7_SLU7_splicing_factor_homo		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22704_c0_g1_SLU7...)	-2.19	1.54e-06 1.53e-04
isogroup3086_c0_g1_SPRYD3_SPRY_domain_containing_3		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3086_c0_g1_SPRYD3...)	-2.19	3.16e-03 5.72e-02
isogroup7685_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7685_c0_g1_NA.pdf)	-2.19	5.11e-04 1.64e-02
isogroup1230_c0_g1_BPTI_Kunitz_family_of_serine_p		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1230_c0_g1_BPTI_K...)	-2.18	3.17e-03 5.73e-02
isogroup14828_c0_g3_DBLOX_peroxidase_activity		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14828_c0_g3_DBLOX...)	-2.18	1.81e-03 4.00e-02
isogroup18152_c0_g1_ADPRHL2_poly_ADPr-ribose_glyco		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup18152_c0_g1_ADPRH...)	-2.18	2.66e-03 5.10e-02
isogroup5527_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5527_c0_g1_NA.pdf)	-2.18	3.68e-04 1.28e-02
isogroup1950_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1950_c0_g1_NA.pdf)	-2.17	5.99e-03 8.18e-02
isogroup22843_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22843_c0_g1_NA.pdf)	-2.17	4.02e-03 6.54e-02
isogroup514_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup514_c0_g1_NA.pdf)	-2.17	4.70e-03 7.21e-02

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isogroup83492_c0_g2_NA		-2.16	2.43e-03	4.85e-02
isogroup37075_c0_g1_NA		-2.14	3.99e-04	1.36e-02
isogroup4582_c0_g1_NA		-2.14	6.36e-03	8.51e-02
isogroup5890_c0_g3_SYCP2_Synaptonemal_complex_prot		-2.13	2.56e-03	5.02e-02
isogroup2784_c0_g1_zinc_ion_binding		-2.12	5.51e-03	7.87e-02
isogroup4283_c0_g1_CTBS_chitinase_activity		-2.12	8.13e-05	3.98e-03
isogroup486_c1_g1_gamma-aminobutyric_acid_type_B_-		-2.12	3.58e-03	6.15e-02
isogroup7512_c0_g1_NA		-2.12	2.29e-03	4.68e-02
isogroup11513_c0_g1_FAM135B_carboxylic_esther_hydro		-2.11	2.71e-03	5.16e-02
isogroup1650_c2_g1_CTU2_tRNA_wobble_position_uridi		-2.11	2.58e-03	5.05e-02
isogroup3901_c0_g1_NA		-2.11	4.14e-03	6.61e-02
isogroup11213_c0_g1_NA		-2.10	1.49e-03	3.50e-02
isogroup1209_c0_g2_POP1_Ribonucleases_P_MRP_protei		-2.10	5.89e-04	1.82e-02
isogroup15644_c0_g1_activation_of_NF-kappaB-induc		-2.10	6.59e-03	8.66e-02
isogroup2089_c0_g1_NA		-2.10	3.75e-03	6.28e-02
isogroup31345_c0_g1_NA		-2.10	3.86e-03	6.37e-02
isogroup4183_c0_g1_radial_glial_cell_differentiat		-2.10	2.33e-03	4.72e-02
isogroup1433_c0_g1_POLR2L_DNA-directed_RNA_polymer		-2.09	8.34e-03	9.82e-02
isogroup6802_c0_g2_KIAA0319L_negative_regulation_o		-2.09	2.07e-03	4.37e-02
isogroup9362_c0_g1_Lipid_phosphate_phosphohydrola		-2.09	2.06e-03	4.37e-02
isogroup1944_c1_g2_NA		-2.08	2.89e-03	5.40e-02
isogroup6368_c0_g1_NA		-2.08	3.31e-03	5.87e-02
isogroup30315_c0_g1_NA		-2.07	8.91e-04	2.44e-02
isogroup737_c0_g1_ABHD12B_phosphatidylserine_catab		-2.07	4.11e-03	6.61e-02
isogroup7625_c0_g1_NA		-2.06	5.02e-03	7.47e-02

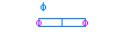
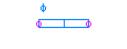
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isogroup11571_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11571_c0_g1_NA.pdf)	-2.05	7.30e-03	9.21e-02
isogroup24689_c0_g1_TMEM45A_Transmembrane_protein_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup24689_c0_g1_TMEM4...)	-2.05	3.34e-03	5.89e-02
isogroup4563_c0_g1_integrin		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4563_c0_g1_integrin...)	-2.05	4.38e-03	6.89e-02
isogroup6775_c0_g2_CRIPT_cysteine-rich_PDZ-binding		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6775_c0_g2_CRIPT_c...)	-2.05	4.12e-03	6.61e-02
isogroup1983_c0_g1_coreceptor_activity_involved_i		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1983_c0_g1_corece...)	-2.04	3.26e-03	5.81e-02
isogroup22545_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22545_c0_g1_NA.pdf)	-2.04	5.18e-03	7.60e-02
isogroup13696_c0_g1_ABCA5_ATPase_activity_coupled		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13696_c0_g1_ABCA5...)	-2.03	7.58e-03	9.40e-02
isogroup4224_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4224_c0_g1_NA.pdf)	-2.03	1.27e-04	5.63e-03
isogroup5060_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5060_c0_g1_NA.pdf)	-2.03	2.28e-03	4.67e-02
isogroup3782_c0_g2_BMP7_bone_morphogenetic_protein		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3782_c0_g2_BMP7_b...)	-2.02	1.97e-03	4.23e-02
isogroup5271_c0_g2_GPATCH2_negative_regulation_of_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5271_c0_g2_GPATCH...)	-2.02	6.27e-04	1.90e-02
isogroup775_c0_g1_SCUBE2_Signal_peptide_CUB		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup775_c0_g1_SCUBE2...)	-2.02	2.41e-03	4.84e-02
isogroup8427_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8427_c0_g1_NA.pdf)	-2.02	2.35e-03	4.75e-02
isogroup8992_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8992_c0_g2_NA.pdf)	-2.02	5.53e-03	7.87e-02
isogroup15791_c0_g1_run_positive_regulation_of_CD8		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15791_c0_g1_run_po...)	-2.01	6.69e-04	1.99e-02
isogroup759_c0_g1_ACP5_negative_regulation_of_supe		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup759_c0_g1_ACP5_ne...)	-2.01	5.31e-03	7.71e-02
isogroup1163_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1163_c0_g2_NA.pdf)	-2.00	7.26e-03	9.19e-02
isogroup2018_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2018_c0_g1_NA.pdf)	-2.00	4.74e-03	7.25e-02
isogroup3228_c1_g2_gamma-aminobutyric_acid_type_B		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3228_c1_g2_gamma...)	-2.00	4.44e-03	6.96e-02
isogroup3325_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3325_c0_g1_NA.pdf)	-2.00	7.63e-05	3.79e-03
isogroup42343_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup42343_c0_g1_NA.pdf)	-2.00	4.15e-03	6.62e-02
isogroup721_c0_g1_ephrin_receptor_activity		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup721_c0_g1_ephrin_r...)	-2.00	2.46e-04	9.37e-03
isogroup137935_c0_g1_UBE2M_Belongs_to_the_ubiquiti		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup137935_c0_g1_UBE2...)	-1.99	1.71e-03	3.84e-02
isogroup1560_c0_g2_7_transmembrane_receptor_Secr		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1560_c0_g2_7_trans...)	-1.99	2.47e-03	4.89e-02
isogroup25575_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup25575_c0_g1_NA.pdf)	-1.99	8.34e-03	9.82e-02

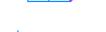
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isogroup4917_c0_g2_Belongs_to_the_protein_kinase_		-1.98	4.30e-04	1.44e-02
isogroup7008_c0_g1_NA		-1.98	7.97e-03	9.61e-02
isogroup12704_c0_g1_NA		-1.97	8.38e-03	9.85e-02
isogroup3123_c0_g1_NA		-1.97	4.85e-03	7.34e-02
isogroup3805_c0_g1_EGF_domain_unclassified_subf		-1.97	2.78e-03	5.26e-02
isogroup8527_c1_g1_NA		-1.97	5.18e-03	7.60e-02
isogroup3794_c0_g1_TULP4_Belongs_to_the_TUB_family		-1.96	4.70e-03	7.21e-02
isogroup4467_c0_g1_NA		-1.96	4.55e-03	7.06e-02
isogroup13125_c0_g1_MED20_transcription_coactivato		-1.94	5.65e-03	7.95e-02
isogroup224_c0_g3_ARID4B_AT-rich_interactive_domai		-1.94	2.06e-03	4.36e-02
isogroup30106_c0_g2_Rab-GTPase-TBC_domain		-1.94	1.75e-03	3.91e-02
isogroup9541_c0_g1_tia1_Nucleolysin_TIA-1_isoform		-1.94	9.82e-04	2.64e-02
isogroup22_c0_g1_PFKL_Catalyzes_the_phosphorylatio		-1.93	3.95e-03	6.48e-02
isogroup4826_c0_g1_NA		-1.93	5.98e-03	8.18e-02
isogroup56964_c0_g2_MEX3C_metal_ion_binding		-1.93	1.51e-04	6.51e-03
isogroup20488_c0_g2_COL4A3BP_intermembrane_sphingo		-1.92	4.84e-03	7.33e-02
isogroup3745_c0_g1_TJP2_Tight_junction_protein		-1.91	5.27e-03	7.66e-02
isogroup55847_c0_g1_NA		-1.91	4.54e-03	7.06e-02
isogroup84034_c0_g1_TTF2_transcription_termination		-1.91	5.72e-04	1.79e-02
isogroup13582_c0_g2_CLCN7_voltage-gated_chloride_c		-1.90	8.57e-03	9.96e-02
isogroup3311_c0_g1_regulation_of_epidermal_growth		-1.89	7.10e-04	2.07e-02
isogroup4898_c0_g1_Protein_tyrosine_kinase		-1.89	2.45e-03	4.88e-02
isogroup5729_c4_g1_miRNA_binding		-1.89	7.25e-04	2.10e-02
isogroup25370_c0_g2_NA		-1.86	2.41e-03	4.84e-02

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isogroup16900_c1_g2_ICA1_protein_domain_specific_b		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup16900_c1_g2_ICA1_protein_domain_specific_b.pdf)	-1.85	1.87e-04 7.67e-03
isogroup29588_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup29588_c0_g1_NA.pdf)	-1.85	1.84e-03 4.04e-02
isogroup2979_c0_g1_nuclear_import_signal_receptor		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2979_c0_g1_nuclear_import_signal_receptor.pdf)	-1.85	7.91e-03 9.58e-02
isogroup4322_c0_g1_forkhead_box		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4322_c0_g1_forkhead_box.pdf)	-1.85	7.10e-03 9.06e-02
isogroup2653_c0_g3_KLF13_negative_regulation_of_er		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2653_c0_g3_KLF13_negative_regulation_of_er.pdf)	-1.84	1.28e-04 5.69e-03
isogroup416_c0_g1_L1CAM_adhesion_molecule		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup416_c0_g1_L1CAM_adhesion_molecule.pdf)	-1.84	2.41e-03 4.84e-02
isogroup4967_c0_g2_Belongs_to_the_TRAFAC_class_my		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4967_c0_g2_Belongs_to_the_TRAFAC_class_my.pdf)	-1.84	4.60e-03 7.11e-02
isogroup5828_c1_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5828_c1_g2_NA.pdf)	-1.84	2.32e-03 4.72e-02
isogroup61324_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup61324_c0_g1_NA.pdf)	-1.84	6.46e-03 8.60e-02
isogroup22510_c0_g1_PCMT1_o-methyltransferase		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22510_c0_g1_PCMT1_o-methyltransferase.pdf)	-1.83	1.26e-03 3.13e-02
isogroup24546_c1_g1_RAB20_phagosome_acidification		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup24546_c1_g1_RAB20_phagosome_acidification.pdf)	-1.83	2.79e-04 1.04e-02
isogroup48573_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup48573_c0_g1_NA.pdf)	-1.83	4.89e-03 7.36e-02
isogroup7553_c0_g1_lipid_transport_across_blood_b		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7553_c0_g1_lipid_transport_across_blood_b.pdf)	-1.83	3.97e-03 6.51e-02
isogroup2269_c0_g1_RALGAPB_GTPase_activator_activi		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2269_c0_g1_RALGAPB_GTPase_activator_activi.pdf)	-1.82	6.38e-03 8.52e-02
isogroup25048_c0_g3_SPOPL_MATH_domain		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup25048_c0_g3_SPOPL_MATH_domain.pdf)	-1.82	1.84e-03 4.04e-02
isogroup2764_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2764_c0_g1_NA.pdf)	-1.82	5.85e-03 8.10e-02
isogroup813_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup813_c0_g1_NA.pdf)	-1.82	2.14e-03 4.48e-02
isogroup859_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup859_c0_g1_NA.pdf)	-1.82	8.18e-04 2.29e-02
isogroup24863_c1_g1_PSD2_regulation_of_ARF_protein		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup24863_c1_g1_PSD2_regulation_of_ARF_protein.pdf)	-1.80	2.63e-03 5.09e-02
isogroup3616_c0_g1_GPN2_GTPase_activity		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3616_c0_g1_GPN2_GTPase_activity.pdf)	-1.80	1.39e-03 3.35e-02
isogroup41034_c0_g1_STK11_Belongs_to_the_protein_k		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup41034_c0_g1_STK11_Belongs_to_the_protein_k.pdf)	-1.79	4.96e-03 7.42e-02
isogroup11242_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11242_c0_g1_NA.pdf)	-1.78	6.33e-03 8.50e-02
isogroup2035_c0_g1_ACSF3_acyl-CoA_synthetase_famil		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2035_c0_g1_ACSF3_acyl-CoA_synthetase_famil.pdf)	-1.78	1.57e-03 3.62e-02
isogroup21803_c0_g1_ANKS6_Ankyrin_repeat_and_SAM_d		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21803_c0_g1_ANKS6_Ankyrin_repeat_and_SAM_d.pdf)	-1.78	3.74e-03 6.28e-02
isogroup28726_c0_g2_BET1L_Bet1_golgi Vesicular_mem		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup28726_c0_g2_BET1L_Bet1_golgi_Vesicular_mem.pdf)	-1.78	5.52e-03 7.87e-02

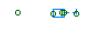
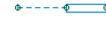
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isogroup4530_c0_g1_ARGMAT_Belongs_to_the_arginase_f		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4530_c0_g1_ARGMAT_...)	-1.77	2.70e-03	5.13e-02
isogroup8587_c0_g1_PRKDC_DNA-dependent_protein_kin		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8587_c0_g1_PRKDC_...)	-1.77	5.19e-03	7.60e-02
isogroup17064_c0_g1_MRPS2_mitochondrial_translatio		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17064_c0_g1_MRPS2...)	-1.76	4.80e-03	7.29e-02
isogroup353_c0_g1_TMEM66_Store-operated_calcium_en		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup353_c0_g1_TMEM66_...)	-1.76	6.01e-03	8.20e-02
isogroup1175_c0_g1_cellular_amide_catabolic_proce		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1175_c0_g1_cellular...)	-1.75	3.71e-03	6.27e-02
isogroup5098_c0_g1_THG1L_tRNA_guanyltransferase_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5098_c0_g1_THG1L_t...)	-1.75	2.44e-03	4.87e-02
isogroup550_c0_g1_ATP_binding_It_is_involved_in_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup550_c0_g1_ATP_bin...)	-1.75	1.71e-03	3.85e-02
isogroup79552_c0_g1_FBXO7_positive_regulation_of_a		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup79552_c0_g1_FBXO7...)	-1.75	2.42e-03	4.85e-02
isogroup2429_c0_g1_CREB3L1_extracellular_matrix_co		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2429_c0_g1_CREB3L...)	-1.74	1.82e-03	4.01e-02
isogroup4729_c0_g1_MLF1_Myeloid_leukemia_factor		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4729_c0_g1_MLF1_M...)	-1.74	1.74e-03	3.89e-02
isogroup5450_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5450_c0_g3_NA.pdf)	-1.74	4.03e-03	6.54e-02
isogroup6135_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6135_c0_g1_NA.pdf)	-1.74	3.77e-03	6.30e-02
isogroup6881_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6881_c0_g1_NA.pdf)	-1.74	6.70e-03	8.77e-02
isogroup697_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup697_c0_g1_NA.pdf)	-1.74	2.80e-04	1.04e-02
isogroup80372_c2_g1_beta3galt6_galactosylxylosylpr		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup80372_c2_g1_beta3g...)	-1.74	7.36e-03	9.27e-02
isogroup1724_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1724_c0_g1_NA.pdf)	-1.73	3.11e-03	5.67e-02
isogroup2398_c0_g1_BTK_motif		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2398_c0_g1_BTK_m...)	-1.73	4.38e-03	6.89e-02
isogroup34118_c0_g1_ZNRF2_zinc_and_ring_finger		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup34118_c0_g1_ZNRF2...)	-1.73	6.93e-03	8.95e-02
isogroup4856_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4856_c0_g1_NA.pdf)	-1.73	1.31e-03	3.20e-02
isogroup1275_c0_g2_Electron_transfer_DM13		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1275_c0_g2_Electro...)	-1.72	8.60e-03	9.98e-02
isogroup1864_c0_g1_FAM65A_negative_regulation_of_R		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1864_c0_g1_FAM65A...)	-1.72	5.01e-04	1.62e-02
isogroup2638_c0_g3_MLXIPL_protein-like		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2638_c0_g3_MLXIPL...)	-1.72	9.15e-05	4.37e-03
isogroup4499_c0_g1_DNA_polymerase_epsilon_catalyt		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4499_c0_g1_DNA_p...)	-1.72	3.58e-03	6.15e-02
isogroup2450_c0_g1_BTTRC_SCF-dependent_proteasomal		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2450_c0_g1_BTTRC_S...)	-1.71	5.01e-04	1.62e-02

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isogroup1912_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1912_c0_g3_NA.pdf)	-1.70	3.86e-03	6.37e-02
isogroup81567_c0_g3_PPP2R3A_serine_threonine_prote		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup81567_c0_g3_PPP2R...)	-1.70	4.03e-03	6.54e-02
isogroup14026_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14026_c0_g1_NA.pdf)	-1.69	7.73e-03	9.46e-02
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isogroup3789_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3789_c0_g2_NA.pdf)	-1.68	1.87e-04	7.67e-03
isogroup1561_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1561_c0_g1_NA.pdf)	-1.67	8.15e-03	9.72e-02
isogroup22189_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22189_c0_g1_NA.pdf)	-1.67	7.37e-03	9.27e-02
isogroup2968_c0_g2_ATPase_activity_coupled_to_tr		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2968_c0_g2_ATPase...)	-1.67	7.82e-03	9.52e-02
isogroup209_c0_g1_CTNNB1_positive_regulation_of_ch		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup209_c0_g1_CTNNB1_...)	-1.66	6.80e-03	8.85e-02
isogroup3916_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3916_c1_g1_NA.pdf)	-1.66	1.80e-03	3.99e-02
isogroup4773_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4773_c0_g3_NA.pdf)	-1.66	2.32e-04	9.06e-03
isogroup9666_c0_g1_FAM207A_Ribosome_biogenesis_pro		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9666_c0_g1_FAM207...)	-1.66	1.21e-03	3.04e-02
isogroup1349_c0_g1_scavenger_receptor_activity		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1349_c0_g1_scaven...)	-1.64	5.51e-03	7.87e-02
isogroup17515_c0_g1_RAPGEF4_positive_regulation_of		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17515_c0_g1_RAPGE...)	-1.64	3.53e-03	6.09e-02
isogroup1070_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1070_c1_g1_NA.pdf)	-1.63	4.41e-03	6.93e-02
isogroup3424_c0_g1_TPD52_Tumor_protein_D52		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3424_c0_g1_TPD52_...)	-1.63	3.48e-03	6.05e-02
isogroup1521_c2_g1_UBXN7_ubiquitin_binding		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1521_c2_g1_UBXN7_...)	-1.62	3.64e-03	6.19e-02
isogroup3681_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3681_c0_g1_NA.pdf)	-1.62	2.65e-03	5.10e-02
isogroup119626_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup119626_c0_g1_NA.pdf)	-1.61	1.26e-03	3.12e-02
isogroup2933_c0_g1_PSD2_regulation_of_ARF_protein_-		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2933_c0_g1_PSD2_re...)	-1.61	4.32e-03	6.82e-02
isogroup407_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup407_c0_g1_NA.pdf)	-1.61	8.04e-03	9.63e-02
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isogroup4758_c0_g1_Endonuclease_Exonuclease_phosp		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4758_c0_g1_Endonu...)	-1.59	7.54e-03	9.39e-02
isogroup6217_c0_g1_COG8_intra-Golgi_vesicle-mediat		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6217_c0_g1_COG8_i...)	-1.59	6.86e-03	8.89e-02
isogroup949_c0_g1_SSPO_C8		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup949_c0_g1_SSPO_C8...)	-1.59	7.77e-04	2.20e-02

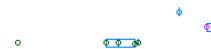
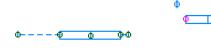
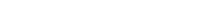
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isogroup46193_c0_g1_MYC_V-myc_avian_myelocytomatis		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup46193_c0_g1_MYC_V...)	-1.56	2.56e-04	9.67e-03	
isogroup7165_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7165_c0_g2_NA.pdf)	-1.56	8.12e-03	9.70e-02	
isogroup17286_c0_g1_TAX1BP1_apoptotic_process		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17286_c0_g1_TAX1B...)	-1.53	8.31e-03	9.81e-02	
isogroup2742_c1_g1_MICALL2_MICALL-like_protein_2		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2742_c1_g1_MICALL...)	-1.53	4.01e-03	6.54e-02	
isogroup5523_c0_g1_GRAMD1B_Domain_of_unknown_funct		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5523_c0_g1_GRAMD...)	-1.53	1.10e-03	2.85e-02	
isogroup6706_c0_g1_KIN_DNA_replication		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6706_c0_g1_KIN_DN...)	-1.53	4.12e-03	6.61e-02	
isogroup1524_c0_g3_zinc_ion_binding		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1524_c0_g3_zinc_i...)	-1.52	5.97e-03	8.18e-02	
isogroup5474_c0_g1_PHKB_Phosphorylase_b_kinase_reg		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5474_c0_g1_PHKB_P...)	-1.52	4.80e-03	7.29e-02	
isogroup6453_c1_g1_RNF185_cAMP_binding		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6453_c1_g1_RNF185...)	-1.52	7.59e-03	9.40e-02	
isogroup2696_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2696_c0_g1_NA.pdf)	-1.51	5.95e-03	8.17e-02	
isogroup4291_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4291_c0_g1_NA.pdf)	-1.49	7.07e-03	9.04e-02	
isogroup6519_c0_g1_FRMD8_Band_4_1_homologues		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6519_c0_g1_FRMD8...)	-1.48	1.03e-03	2.73e-02	
isogroup21403_c1_g2_gamma-aminobutyric_acid_type_-		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21403_c1_g2_gamm...)	-1.46	7.65e-03	9.43e-02	
isogroup7576_c0_g1_TBC1D25_TBC1_domain_family_mem		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7576_c0_g1_TBC1D2...)	-1.46	3.17e-03	5.72e-02	
isogroup1136_c0_g1_IQ_motif_containing_GTPase_act		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1136_c0_g1_IQ_moti...)	-1.45	3.11e-04	1.13e-02	
isogroup14146_c0_g1_RASGRF1_Rho_guanyl-nucleotide_-		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14146_c0_g1_RASG...)	-1.44	2.46e-03	4.89e-02	
isogroup38241_c0_g1_zer-1 Regulation_of_ligase_act		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup38241_c0_g1_zer-1...)	-1.44	8.38e-03	9.85e-02	
isogroup1787_c2_g1_I_LWEQ_domain		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1787_c2_g1_I_LWE...)	-1.43	3.23e-03	5.79e-02	
isogroup21296_c0_g2_PXDN_Peroxidasin_homolog		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21296_c0_g2_PXDN...)	-1.43	4.84e-03	7.33e-02	
isogroup608_c0_g1_Protein-L-isoaspartate_D-aspart		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup608_c0_g1_Protein-L...)	-1.43	9.59e-04	2.59e-02	
isogroup10585_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10585_c0_g1_NA.pdf)	-1.42	7.24e-03	9.17e-02	
isogroup6225_c0_g1_Eps15_homology_domain		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6225_c0_g1_Eps15...)	-1.42	3.42e-03	6.00e-02	
isogroup10188_c0_g1_RpL8_Structural_constituent_of		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10188_c0_g1_RpL8...)	-1.41	4.12e-03	6.61e-02	
isogroup6228_c0_g2_DR1_protein_heterodimerization_-		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6228_c0_g2_DR1_pro...)	-1.41	4.25e-03	6.73e-02	

			From to	From to	From to	
ID	Image			logFC	p-Value	Adjusted p-Value
isogroup17340_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17340_c0_g1_NA.pdf)	-1.40	3.71e-03	6.27e-02	
isogroup19231_c0_g1_ZFAND4_ubiquitin		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19231_c0_g1_ZFAND...)	-1.40	7.18e-03	9.14e-02	
isogroup4824_c0_g1_zinc_finger		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4824_c0_g1_zinc_fin...)	-1.40	4.97e-03	7.42e-02	
isogroup4968_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4968_c0_g1_NA.pdf)	-1.40	8.17e-03	9.72e-02	
isogroup4147_c0_g1_ECI1_Enoyl-CoA_delta_isomerase_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4147_c0_g1_ECI1_En...)	-1.39	3.67e-03	6.23e-02	
isogroup634_c0_g1_RUN		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup634_c0_g1_RUN.pdf)	-1.39	8.57e-03	9.96e-02	
isogroup292_c0_g1_MAT2B_methionine_adenosyltransfe		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup292_c0_g1_MAT2B_...)	-1.38	8.56e-03	9.96e-02	
isogroup3381_c0_g3_FAP_negative_regulation_of_extr		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3381_c0_g3_FAP_ne...)	-1.37	3.69e-03	6.24e-02	
isogroup4014_c0_g1_DAGLB_diacylglycerol_lipase_bet		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4014_c0_g1_DAGLB_...)	-1.36	7.57e-04	2.16e-02	
isogroup25528_c0_g1_PGM2_glucose-1,6-bisphosphate_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup25528_c0_g1_PGM2_...)	-1.34	6.97e-03	8.98e-02	
isogroup23388_c0_g1_HIP1R_Huntingtin_interacting_p		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup23388_c0_g1_HIP1R_...)	-1.33	1.04e-03	2.75e-02	
isogroup1874_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1874_c0_g1_NA.pdf)	-1.31	8.29e-03	9.81e-02	
isogroup6326_c0_g1_MAST2_magnesium_ion_binding		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6326_c0_g1_MAST2_...)	-1.30	1.81e-03	4.00e-02	
isogroup883_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup883_c0_g1_NA.pdf)	-1.30	5.69e-03	7.98e-02	
isogroup8548_c0_g1_SMG5_nonsense-mediated_mRNA_dec		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8548_c0_g1_SMG5_n...)	-1.29	5.03e-03	7.47e-02	
isogroup11569_c0_g1_RPL38_90S_preribosome_assembly		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11569_c0_g1_RPL38...)	-1.26	6.82e-03	8.86e-02	
isogroup17841_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17841_c0_g1_NA.pdf)	-1.26	4.31e-03	6.82e-02	
isogroup1054_c0_g1_Neural_cell_adhesion_molecule		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1054_c0_g1_Neural_...)	-1.25	7.51e-03	9.38e-02	
isogroup3351_c0_g1_ZRANB1_zinc_finger_RAN-binding		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3351_c0_g1_ZRANB1...)	-1.25	8.30e-03	9.81e-02	
isogroup9895_c1_g1_MAST2_magnesium_ion_binding		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9895_c1_g1_MAST2_...)	-1.25	2.29e-03	4.68e-02	
isogroup1221_c1_g1_CRYL1_L-gulonate_3-dehydrogenas		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1221_c1_g1_CRYL1_...)	-1.19	7.55e-03	9.39e-02	
isogroup5222_c0_g1_IRAK4_interleukin-1-mediated_si		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5222_c0_g1_IRAK4_i...)	-1.18	5.49e-03	7.86e-02	
isogroup42810_c0_g1_ROCK2_regulation_of_angiotensi		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup42810_c0_g1_ROCK2...)	-1.17	6.14e-03	8.33e-02	
isogroup21668_c0_g1_TRAM1_protein_transport		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21668_c0_g1_TRAM1...)	-1.16	7.49e-03	9.38e-02	
isogroup6328_c0_g1_YT521-B-like_domain		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6328_c0_g1_YT521...)	-1.16	2.34e-03	4.74e-02	
isogroup69_c0_g1_ATPase_activity_coupled_to_tran		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup69_c0_g1_ATPase_a...)	-1.15	8.23e-03	9.76e-02	

ID	Image		From	From	From
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isogroup2744_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2744_c0_g1_NA.pdf)	1.09	7.99e-03	9.61e-02
isogroup4099_c1_g1_ZDHHC7_protein-cysteine_S-acyltransferase		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4099_c1_g1_ZDHHC7...)	1.17	8.23e-03	9.76e-02
isogroup9930_c0_g2_helix_loop_helix_domain		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9930_c0_g2_helix_lo...	1.20	5.50e-03	7.87e-02
isogroup15455_c0_g1_DUSP10_negative_regulation_of_transcription		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15455_c0_g1_DUSP10...)	1.21	6.81e-03	8.85e-02
isogroup1008_c0_g1_alpha-galactosidase_activity		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1008_c0_g1_alpha-ga...	1.22	7.69e-03	9.45e-02
isogroup884_c0_g1_PTEN_Phosphatidylinositol_3_4_5-trisphosphate		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup884_c0_g1_PTEN_Ph...	1.22	5.73e-03	8.02e-02
isogroup842_c0_g1_pre-mRNA_intronic_pyrimidine-ribozyme		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup842_c0_g1_pre-mRN...	1.24	3.24e-03	5.80e-02
isogroup9152_c0_g1_WD_domain_G-beta_repeat		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9152_c0_g1_WD_do...	1.24	6.29e-03	8.48e-02
isogroup3196_c0_g1_ARL8B_GTP_binding		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3196_c0_g1_ARL8B...	1.25	5.18e-03	7.60e-02
isogroup3639_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3639_c0_g1_NA.pdf)	1.26	7.94e-03	9.59e-02
isogroup1538_c0_g1_SKIV2L2_RNA_helicase_activity		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1538_c0_g1_SKIV2L2...	1.27	3.00e-03	5.53e-02
isogroup688_c0_g1_SPG21_CD4_receptor_binding		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup688_c0_g1_SPG21_C...	1.27	3.43e-03	6.00e-02
isogroup22125_c0_g1_METTL13_methyltransferase_activity		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22125_c0_g1_METTL...	1.29	8.53e-03	9.96e-02
isogroup1846_c0_g1_KLHDC2_Galactose_oxidase_center		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1846_c0_g1_KLHDC2...	1.31	2.69e-03	5.13e-02
isogroup4333_c0_g1_ADRBK2_Belongs_to_the_protein_kinase		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4333_c0_g1_ADRBK2...	1.32	4.62e-03	7.14e-02
isogroup1992_c0_g3_protein_serine_threonine_phosphorylation		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1992_c0_g3_protein...	1.34	8.28e-03	9.80e-02
isogroup51127_c0_g1_WDR5_histone_H4-K16_acetylation		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup51127_c0_g1_WDR5...	1.34	2.48e-03	4.90e-02
isogroup202_c0_g1_nuclear_import_signal_receptor		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup202_c0_g1_nuclear_i...	1.35	7.71e-03	9.46e-02
isogroup22568_c0_g2_SYNPR regulation_of_opioid_receptor		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22568_c0_g2_SYNPR...	1.36	3.81e-03	6.33e-02
isogroup9579_c0_g2_non-membrane_spanning_protein		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9579_c0_g2_non-me...	1.36	4.65e-03	7.16e-02
isogroup2247_c0_g1_CDS1_phosphatidate_cytidylyltransferase		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2247_c0_g1_CDS1_p...	1.37	1.44e-03	3.43e-02
isogroup3349_c0_g1_phosphatidylinositol_transporter		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3349_c0_g1_phosphat...	1.38	7.48e-03	9.38e-02
isogroup3571_c0_g1_leucine-rich_repeat_serine_threonine		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3571_c0_g1_leucine-...	1.38	5.41e-03	7.78e-02
isogroup4238_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4238_c0_g2_NA.pdf)	1.38	1.17e-03	2.97e-02
isogroup952_c0_g5_FAM172A_Family_with_sequence_similarity		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup952_c0_g5_FAM172A...	1.38	2.45e-03	4.88e-02
isogroup1184_c0_g3_BTB_And_C-terminal_Kelch		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1184_c0_g3_BTB_A...	1.41	4.70e-03	7.21e-02

ID	Image		From	From	From
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isogroup18053_c0_g2_Poly_ADP-ribose_glycohydrol		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup18053_c0_g2_Poly...)	1.42	7.07e-03	9.04e-02
isogroup46995_c0_g1_acidic_dipeptidase		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup46995_c0_g1_acidic...)	1.43	7.52e-04	2.15e-02
isogroup482_c1_g1_Domain_of_unknown_function_DUF		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup482_c1_g1_Domain_...)	1.43	3.57e-03	6.15e-02
isogroup5722_c0_g1_CCDC15_Coiled-coil_domain_conta		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5722_c0_g1_CCDC15...)	1.43	5.33e-03	7.71e-02
isogroup3920_c0_g1_Belongs_to_the_DHHC_palmitoyl		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3920_c0_g1_Belong...)	1.44	2.05e-03	4.36e-02
isogroup7289_c0_g2_beta-D-xylosidase		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7289_c0_g2_beta-D-...)	1.44	4.13e-03	6.61e-02
isogroup2879_c0_g2_Acetylgalactosaminyltransferas		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2879_c0_g2_Acetylg...)	1.47	5.73e-03	8.02e-02
isogroup2213_c0_g1_ARMC2_Armadillo_repeat_containi		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2213_c0_g1_ARMC2_...)	1.50	6.98e-03	8.99e-02
isogroup20914_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20914_c0_g1_NA.pdf)	1.51	1.39e-03	3.35e-02
isogroup22129_c0_g2_AS PDH_aspartate_dehydrogenase_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22129_c0_g2_AS PDH...)	1.51	3.01e-03	5.54e-02
isogroup20416_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20416_c0_g1_NA.pdf)	1.52	4.96e-03	7.42e-02
isogroup3453_c0_g1_twin_Endonuclease_Exonuclease_p		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3453_c0_g1_twin_En...)	1.52	8.09e-03	9.67e-02
isogroup7158_c0_g1_dpy-30_chromatin_silencing_at_t		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7158_c0_g1_dpy-30...)	1.52	2.44e-03	4.87e-02
isogroup339_c0_g1_C9orf72_late_endosome_to_lysosom		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup339_c0_g1_C9orf72_...)	1.53	1.94e-03	4.20e-02
isogroup4206_c0_g1_MLLT3_chromatin_organization		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4206_c0_g1_MLLT3_...)	1.54	2.60e-03	5.05e-02
isogroup1135_c0_g1_Saposin_B_Domains		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1135_c0_g1_Saposi...)	1.55	3.74e-03	6.28e-02
isogroup2334_c0_g2_PLA2G15_phosphatidylethanolamin		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2334_c0_g2_PLA2G1...)	1.55	4.93e-03	7.41e-02
isogroup7382_c0_g1_kelch-like		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7382_c0_g1_kelch-li...)	1.55	2.12e-03	4.45e-02
isogroup853_c0_g2UBE2E3_protein_modification_by_s		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup853_c0_g2UBE2E3...)	1.55	9.02e-04	2.47e-02
isogroup17760_c0_g1_Transmembrane_amino_acid_tran		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17760_c0_g1_Trans...)	1.56	6.70e-03	8.77e-02
isogroup25050_c1_g1_DRG1_GTP_binding		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup25050_c1_g1_DRG1_...)	1.57	8.84e-04	2.43e-02
isogroup362_c0_g2_NHL_repeat		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup362_c0_g2_NHL_re...)	1.57	5.02e-03	7.47e-02
isogroup4434_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4434_c0_g1_NA.pdf)	1.59	2.10e-03	4.43e-02
isogroup9224_c0_g1_nrd-1_RNA_binding		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9224_c0_g1_nrd-1_R...)	1.59	7.84e-03	9.53e-02
isogroup10663_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10663_c0_g1_NA.pdf)	1.60	4.82e-03	7.31e-02
isogroup2967_c0_g2_HIST2H3A_protein_heterodimeriza		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2967_c0_g2_HIST2H...)	1.61	6.28e-03	8.47e-02

			From to	From to	From to	
ID	Image			logFC	p-Value	Adjusted p-Value
isogroup4453_c1_g1_CCDC81_Domain_of_unknown_functi		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4453_c1_g1_CCDC81...		1.61	4.73e-03	7.25e-02
isogroup73149_c0_g1_molybdopterin_cofactor_bindin		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup73149_c0_g1_molyb...		1.61	8.53e-04	2.36e-02
isogroup1522_c0_g1_RP2_Acts_as_a_GTPase-activating		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1522_c0_g1_RP2_Act...		1.62	8.59e-03	9.97e-02
isogroup976_c1_g1_protein_heterodimerization_acti		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup976_c1_g1_protein...		1.62	5.64e-03	7.94e-02
isogroup3435_c0_g1_spermatogenesis		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3435_c0_g1_sperma...		1.63	4.95e-03	7.42e-02
isogroup8579_c0_g1_peptide-methionine_S-S-oxide		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8579_c0_g1_peptide...		1.63	7.36e-03	9.26e-02
isogroup9437_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9437_c0_g1_NA.pdf)		1.63	8.55e-03	9.96e-02
isogroup1962_c0_g1_DYRK2_P_granule_disassembly		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1962_c0_g1_DYRK2_...		1.64	2.60e-03	5.05e-02
isogroup2801_c0_g3_TSPAN17_positive_regulation_of_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2801_c0_g3_TSPAN1...		1.64	2.86e-03	5.37e-02
isogroup8395_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8395_c0_g1_NA.pdf)		1.64	5.54e-03	7.88e-02
isogroup92341_c0_g1_NUP155_protein_localization_to		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup92341_c0_g1_NUP15...		1.64	4.94e-03	7.41e-02
isogroup2710_c0_g1_ACACA_acetyl-Coenzyme_A_carboxy		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2710_c0_g1_ACACA_...		1.65	1.43e-03	3.41e-02
isogroup29132_c0_g4_Myotubularin-like_phosphatase		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup29132_c0_g4_Myotu...		1.65	6.96e-03	8.98e-02
isogroup1192_c0_g1_PIP5K1B_Translation_initiation_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1192_c0_g1_PIP5K1B...		1.66	3.03e-03	5.56e-02
isogroup1365_c0_g2_KAT7_histone_acetyltransferase_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1365_c0_g2_KAT7_hi...		1.67	4.69e-03	7.21e-02
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isogroup59756_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup59756_c0_g1_NA.pdf)		1.69	5.64e-03	7.94e-02
isogroup267_c0_g1_NBEAL1_plateletFormation		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup267_c0_g1_NBEAL1_...		1.72	5.42e-04	1.71e-02
isogroup16232_c0_g1_WDR54_WD_repeat_domain_54		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup16232_c0_g1_WDR54...		1.73	5.91e-04	1.82e-02
isogroup264_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup264_c0_g1_NA.pdf)		1.73	2.15e-03	4.50e-02
isogroup6715_c0_g4_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6715_c0_g4_NA.pdf)		1.73	5.64e-03	7.94e-02
isogroup9669_c0_g2_LACTBL1_beta-lactamase-like_1		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9669_c0_g2_LACTBL...		1.73	3.10e-03	5.66e-02
isogroup26783_c0_g2_NTRK1_High_affinity_nerve_grow		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup26783_c0_g2_NTRK1...		1.74	5.93e-03	8.17e-02
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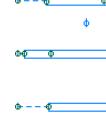
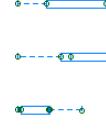
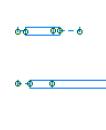
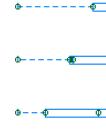
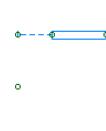
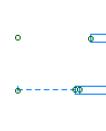
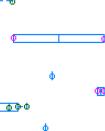
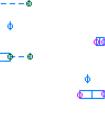
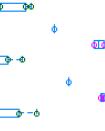
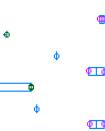
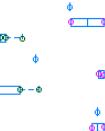
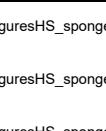
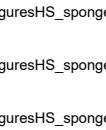
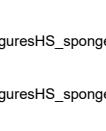
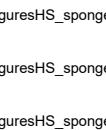
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isogroup6384_c2_g1_Homeodomain		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6384_c2_g1_Homeo...)	1.77	2.35e-04	9.11e-03
isogroup8233_c0_g2_microtubule_minus-end_binding		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8233_c0_g2_microtu...)	1.77	4.36e-03	6.88e-02
isogroup2052_c0_g1_TPCN1_NAADP-sensitive_calcium-r		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2052_c0_g1_TPCN1_...)	1.78	5.68e-03	7.98e-02
isogroup791_c0_g1_DNASE1_deoxyribonuclease_I		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup791_c0_g1_DNASE1_...)	1.78	6.98e-03	8.99e-02
isogroup1607_c0_g1_FRG1_FSHD_region_gene_1		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1607_c0_g1_FRG1_F...)	1.79	7.74e-03	9.47e-02
isogroup6471_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6471_c0_g2_NA.pdf)	1.80	2.08e-03	4.39e-02
isogroup1507_c0_g2_KIF3A_Belongs_to_the_TRAFAC cla		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1507_c0_g2_KIF3A_B...)	1.81	6.88e-03	8.91e-02
isogroup3508_c0_g1_JIL-1_ribosomal_protein_S6_kina		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3508_c0_g1_JIL-1_rib...)	1.81	3.92e-03	6.45e-02
isogroup12449_c0_g1_ROR1_transmembrane_receptor_pr		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12449_c0_g1_ROR1_...)	1.82	6.29e-03	8.48e-02
isogroup2821_c0_g3_rpm-1_regulation_of_axon_guidan		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2821_c0_g3_rpm-1_re...)	1.82	4.22e-03	6.71e-02
isogroup500_c1_g1_Zinc_finger_C3HC4_type_RING_f		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup500_c1_g1_Zinc_fing...)	1.82	8.38e-03	9.85e-02
isogroup56878_c0_g2_PQBP1_alternative_mRNA_splicin		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup56878_c0_g2_PQBP1...)	1.82	1.46e-03	3.45e-02
isogroup988_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup988_c0_g1_NA.pdf)	1.83	8.54e-03	9.96e-02
isogroup16243_c0_g1_trim37_Tripartite_motif_contai		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup16243_c0_g1_trim37_...)	1.85	3.17e-03	5.72e-02
isogroup1953_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1953_c0_g1_NA.pdf)	1.85	5.53e-03	7.87e-02
isogroup10009_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10009_c0_g1_NA.pdf)	1.88	5.86e-03	8.11e-02
isogroup7285_c0_g1_TMEM194A_NEPM_family		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7285_c0_g1_TMEM19...)	1.88	4.00e-03	6.53e-02
isogroup18351_c0_g2_RPAP3_Potential_Monad-binding_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup18351_c0_g2_RPAP3...)	1.89	3.29e-03	5.85e-02
isogroup3419_c0_g1_MAP3K19_mitogen-activated_prote		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3419_c0_g1_MAP3K1...)	1.90	3.21e-03	5.78e-02
isogroup3223_c1_g1_ANKRD60_Ankyrin_repeats_3_copi		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3223_c1_g1_ANKRD6...)	1.91	6.53e-03	8.64e-02
isogroup9158_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9158_c0_g1_NA.pdf)	1.91	5.35e-03	7.73e-02
isogroup9515_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9515_c0_g1_NA.pdf)	1.92	4.98e-03	7.44e-02
isogroup5513_c0_g1_DRG2_Developmentally_regulated_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5513_c0_g1_DRG2_D...)	1.93	3.68e-04	1.28e-02

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isogroup5318_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5318_c0_g1_NA.pdf)	1.95	1.95e-03	4.22e-02
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isogroup9790_c0_g2_ACSS1_Acetyl-coenzyme_A_synthet		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9790_c0_g2_ACSS1_...	1.99	5.58e-03	7.91e-02
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isogroup375_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup375_c0_g1_NA.pdf)	2.00	5.35e-03	7.73e-02
isogroup54_c0_g2_PPP1R32_phosphatase_binding		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup54_c0_g2_PPP1R32_...	2.00	4.06e-03	6.56e-02
isogroup6730_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6730_c1_g1_NA.pdf)	2.00	5.97e-03	8.18e-02
isogroup4335_c0_g1_FAM179B_TOG_array_regulator_of_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4335_c0_g1_FAM179...	2.01	2.33e-04	9.07e-03
isogroup5282_c0_g3_FSCN1_actin_filament_bundle_ass		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5282_c0_g3_FSCN1_...	2.01	7.13e-03	9.10e-02
isogroup10476_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10476_c0_g1_NA.pdf)	2.02	5.56e-03	7.90e-02
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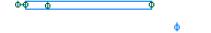
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isogroup20827_c0_g1_NA		2.10	7.28e-05	3.65e-03
isogroup22606_c0_g1_aay_Putative_Phosphatase		2.10	5.09e-03	7.53e-02
isogroup4084_c0_g1_MYCBPAP_MYCBP_associated_protei		2.10	1.55e-03	3.60e-02
isogroup7521_c0_g1_NA		2.10	4.18e-03	6.65e-02
isogroup16506_c0_g1_NA		2.11	8.54e-03	9.96e-02
isogroup3511_c0_g1_RWD_domain-containing_protein		2.11	2.82e-03	5.32e-02
isogroup4791_c0_g1_UPP1_uridine_phosphorylase_acti		2.11	7.79e-03	9.50e-02
isogroup55303_c0_g1_NA		2.12	7.59e-03	9.40e-02
isogroup3696_c0_g1_NA		2.13	5.88e-03	8.12e-02
isogroup4541_c0_g1_NEK4_Serine_Threonine_protein_k		2.13	1.16e-04	5.25e-03
isogroup6616_c0_g1_radial_glia_cell_differentiat		2.13	2.89e-03	5.40e-02
isogroup1001_c0_g1_AXDND1_Axonemal_dynein_light_ch		2.14	3.58e-03	6.15e-02
isogroup7699_c0_g5_NA		2.14	1.97e-03	4.23e-02
isogroup2712_c0_g1_NA		2.15	3.23e-06	2.87e-04
isogroup2792_c0_g1_NNT_NAD_P_+transhydrogenase_A		2.15	3.04e-03	5.56e-02
isogroup2800_c0_g2_PDZD8_mitochondrion-endoplasmic		2.15	4.90e-03	7.36e-02
isogroup906_c0_g2_microtubule_plus-end_binding		2.15	1.79e-03	3.99e-02
isogroup12789_c1_g1_BPTI_Kunitz_family_of_serine_		2.16	1.69e-04	7.07e-03
isogroup4263_c0_g1_NA		2.16	7.00e-04	2.06e-02
isogroup6376_c0_g1_CCDC176_Coiled-coil_domain_cont		2.16	1.98e-03	4.25e-02
isogroup7699_c0_g3_NA		2.16	4.49e-03	6.99e-02
isogroup23340_c0_g1_C21orf59_regulation_of_cilium_		2.18	2.94e-04	1.08e-02
isogroup2903_c1_g2_NHP2_rRNA_pseudouridine_synthes		2.18	8.25e-05	4.01e-03
isogroup20336_c0_g1_MORN3_Possible_plasma_membrane		2.19	3.38e-03	5.95e-02

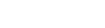
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isogroup67227_c0_g1_protein_side_chain_deglutamyl		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup67227_c0_g1_protei...)	2.20	2.86e-03	5.37e-02
isogroup11283_c0_g1_WDR90_WD_repeat_domain_90		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11283_c0_g1_WDR90...)	2.21	1.68e-03	3.79e-02
isogroup5742_c0_g1_ARID3A_positive_regulation_of_t		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5742_c0_g1_ARID3A...)	2.21	5.58e-03	7.91e-02
isogroup28481_c0_g1_FAM161A_Family_with_sequence_s		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup28481_c0_g1_FAM16...)	2.22	1.56e-03	3.61e-02
isogroup11148_c0_g2_UTP18_maturation_of_SSU-rRNA_f		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11148_c0_g2_UTP18...)	2.23	5.89e-04	1.82e-02
isogroup2528_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2528_c0_g1_NA.pdf)	2.23	3.42e-03	6.00e-02
isogroup3397_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3397_c0_g3_NA.pdf)	2.23	6.00e-04	1.84e-02
isogroup6915_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6915_c0_g1_NA.pdf)	2.23	6.93e-03	8.95e-02
isogroup133_c1_g1_SYTL4_Synaptotagmin-like_protein		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup133_c1_g1_SYTL4_S...	2.24	2.32e-03	4.72e-02
isogroup147_c0_g1_G-protein_coupled_receptor_acti		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup147_c0_g1_G-protei...	2.24	3.11e-03	5.67e-02
isogroup4061_c0_g1_GRN_Granulin		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4061_c0_g1_GRN_Gr...	2.24	1.82e-03	4.02e-02
isogroup4396_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4396_c0_g1_NA.pdf)	2.24	3.84e-03	6.36e-02
isogroup16021_c0_g1_HIST1H1A_nucleosome_assembly		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup16021_c0_g1_HIST1...	2.25	8.23e-03	9.76e-02
isogroup7293_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7293_c0_g1_NA.pdf)	2.25	5.00e-03	7.45e-02
isogroup6265_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6265_c0_g2_NA.pdf)	2.26	6.52e-04	1.95e-02
isogroup2251_c0_g1_CDKL2_cyclin-dependent_protein_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2251_c0_g1_CDKL2...	2.27	2.23e-03	4.59e-02
isogroup374_c0_g2_Tyrosine_kinase_catalytic_doma		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup374_c0_g2_Tyrosine...	2.27	6.85e-04	2.03e-02
isogroup3512_c0_g1_CCDC42_spermatid_differentiatio		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3512_c0_g1_CCDC42...	2.28	5.13e-03	7.56e-02
isogroup4981_c0_g1_H1F0_nucleosome_assembly		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4981_c0_g1_H1F0_n...	2.28	1.16e-03	2.97e-02
isogroup5411_c0_g2_protein_depalmitylation		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5411_c0_g2_protein...	2.28	7.08e-03	9.05e-02
isogroup1520_c0_g1_Tyrosine_kinase_catalytic_dom		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1520_c0_g1_Tyrosin...	2.29	4.76e-03	7.25e-02
isogroup3418_c0_g1_heavy_chain		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3418_c0_g1_heavy...	2.29	1.30e-03	3.20e-02
isogroup3735_c2_g1_RET_Proto-oncogene_tyrosine-pro		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3735_c2_g1_RET_Pr...	2.29	3.87e-04	1.33e-02
isogroup5107_c0_g1_Ser_Notch_ligand_involved_in_th		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5107_c0_g1_Ser_Not...	2.29	4.55e-03	7.06e-02
isogroup1283_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1283_c0_g1_NA.pdf)	2.30	5.51e-03	7.87e-02

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isogroup1297_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1297_c0_g1_NA.pdf)	2.30	1.30e-03	3.19e-02
isogroup7864_c0_g1_TCTE1_T-complex-associated_test		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7864_c0_g1_TCTE1...)	2.30	3.96e-03	6.49e-02
isogroup29098_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup29098_c0_g1_NA.pdf)	2.31	4.18e-03	6.65e-02
isogroup51856_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup51856_c0_g1_NA.pdf)	2.31	1.19e-03	3.03e-02
isogroup9936_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9936_c0_g1_NA.pdf)	2.31	8.06e-03	9.66e-02
isogroup5141_c0_g4_C9orf171_Domain_of_unknown_func		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5141_c0_g4_C9orf17...)	2.32	3.05e-03	5.59e-02
isogroup32060_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup32060_c0_g1_NA.pdf)	2.33	5.80e-03	8.07e-02
isogroup10094_c0_g1_CCDC83_Coiled-coil_domain_cont		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10094_c0_g1_CCDC8...)	2.34	2.49e-03	4.91e-02
isogroup2701_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2701_c0_g1_NA.pdf)	2.34	7.31e-04	2.11e-02
isogroup25404_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup25404_c0_g1_NA.pdf)	2.35	1.31e-03	3.20e-02
isogroup102000_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup102000_c0_g1_NA.pdf)	2.36	5.02e-03	7.47e-02
isogroup15618_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15618_c0_g1_NA.pdf)	2.36	5.77e-03	8.04e-02
isogroup1971_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1971_c0_g1_NA.pdf)	2.36	8.13e-05	3.98e-03
isogroup1698_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1698_c0_g1_NA.pdf)	2.37	7.23e-06	5.51e-04
isogroup10634_c0_g1_C7orf72_Domain_of_unknown_func		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10634_c0_g1_C7orf7...)	2.38	4.13e-03	6.61e-02
isogroup26508_c0_g3_EFCAB1_calcium_ion_binding		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup26508_c0_g3_EFCAB...)	2.38	7.10e-03	9.06e-02
isogroup52495_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup52495_c0_g1_NA.pdf)	2.39	1.90e-03	4.15e-02
isogroup4863_c0_g1_PTPRQ_protein_tyrosine_phosphat		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4863_c0_g1_PTPRQ ...)	2.40	2.49e-03	4.92e-02
isogroup5248_c0_g2_FAM227B_Protein_of_unknown_func		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5248_c0_g2_FAM227...)	2.40	3.31e-03	5.87e-02
isogroup2644_c0_g1_dynein_light_intermediate_chai		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2644_c0_g1_dynein...)	2.41	1.93e-03	4.17e-02
isogroup5349_c0_g1_neurotrophin_receptor_activity		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5349_c0_g1_neurotr...)	2.41	3.18e-03	5.73e-02
isogroup55410_c0_g1_leucine_Rich_repeats_2_copie		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup55410_c0_g1_leucin...)	2.41	7.62e-03	9.41e-02
isogroup26429_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup26429_c0_g1_NA.pdf)	2.42	5.35e-04	1.70e-02
isogroup7716_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7716_c0_g1_NA.pdf)	2.42	8.20e-03	9.75e-02
isogroup405_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup405_c0_g1_NA.pdf)	2.43	1.11e-03	2.88e-02
isogroup7235_c0_g3_CBY1_Chibby_family_member_1_be		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7235_c0_g3_CBY1_C...)	2.43	1.87e-03	4.08e-02

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isogroup949_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup949_c1_g1_NA.pdf)	2.43	3.24e-05	1.92e-03
isogroup1093_c0_g1_Belongs_to_the_short-chain_deh		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1093_c0_g1_Belongs...)	2.44	2.62e-03	5.08e-02
isogroup17658_c1_g2_ANKEF1_Ankyrin_repeat		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17658_c1_g2_ANKEF...)	2.44	2.82e-03	5.32e-02
isogroup5310_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5310_c0_g1_NA.pdf)	2.44	8.28e-03	9.80e-02
isogroup18269_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup18269_c0_g2_NA.pdf)	2.46	8.32e-03	9.81e-02
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isogroup949_c0_g2_SMOC1_SPARC_related_modular_calc		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup949_c0_g2_SMOC1_...)	2.46	4.09e-05	2.26e-03
isogroup4957_c0_g2_DNAH6_ATP-dependent_microtubule		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4957_c0_g2_DNAH6_...)	2.47	4.45e-03	6.97e-02
isogroup8107_c0_g1_CCDC113_cilium_assembly		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8107_c0_g1_CCDC11...)	2.47	5.21e-03	7.60e-02
isogroup19590_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19590_c0_g1_NA.pdf)	2.48	3.35e-04	1.20e-02
isogroup5965_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5965_c0_g1_NA.pdf)	2.48	5.89e-06	4.69e-04
isogroup2747_c0_g1_G-protein_coupled_receptor_act		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2747_c0_g1_G-prote...)	2.50	3.25e-03	5.80e-02
isogroup3582_c0_g1_ACRC_Acidic_repeat-containing_p		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3582_c0_g1_ACRC_A...)	2.51	8.29e-03	9.81e-02
isogroup4632_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4632_c0_g1_NA.pdf)	2.51	2.42e-03	4.85e-02
isogroup7195_c0_g2_IQCH_Short_calmodulin-binding_m		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7195_c0_g2_IQCH_S...)	2.51	7.58e-03	9.40e-02
isogroup31322_c0_g1_ENKUR_SH3_domain_binding		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup31322_c0_g1_ENKUR...)	2.52	8.30e-04	2.32e-02
isogroup8387_c0_g1_HELZ2_nuclear_receptor_transcri		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8387_c0_g1_HELZ2_...)	2.52	6.92e-03	8.95e-02
isogroup36276_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup36276_c0_g1_NA.pdf)	2.53	6.33e-03	8.51e-02
isogroup6120_c0_g1_Centrosome_and_spindle		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6120_c0_g1_Centros...)	2.53	4.93e-05	2.63e-03
isogroup3965_c0_g1_PIK3CG_phosphatidylinositol_kin		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3965_c0_g1_PIK3CG...)	2.54	3.53e-03	6.09e-02
isogroup10493_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10493_c0_g1_NA.pdf)	2.55	7.29e-03	9.21e-02
isogroup4512_c1_g1_C9orf117_sperm_axoneme_assembly		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4512_c1_g1_C9orf117...)	2.55	7.93e-03	9.58e-02
isogroup7828_c1_g1_SLC15A4_histidine_transport		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7828_c1_g1_SLC15A...)	2.56	1.60e-03	3.67e-02
isogroup20204_c1_g2_Ras-related_C3_bотulinum_toxi		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20204_c1_g2_Ras-r...)	2.58	6.55e-03	8.65e-02
isogroup302_c0_g1_structural_constituent_of_cytos		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup302_c0_g1_structura...)	2.58	2.18e-03	4.53e-02
isogroup6124_c0_g1_DEPDC1B_GTPase_activator_activi		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6124_c0_g1_DEPDC1...)	2.58	4.89e-03	7.36e-02

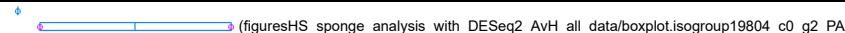
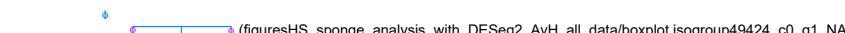
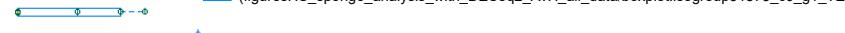
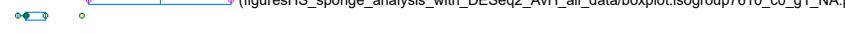
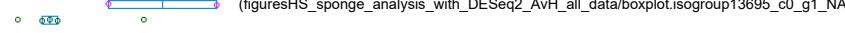
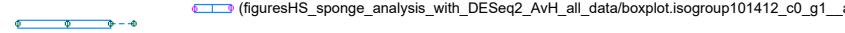
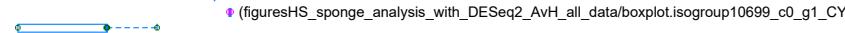
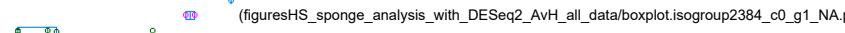
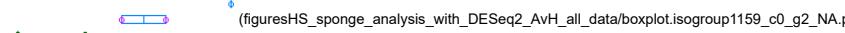
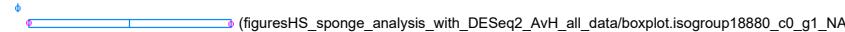
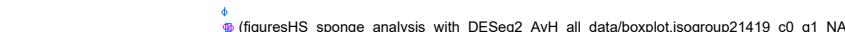
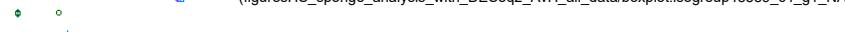
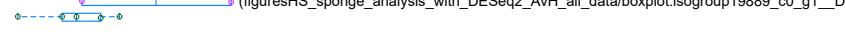
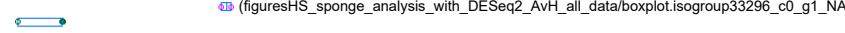
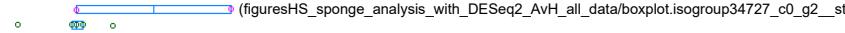
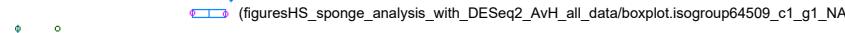
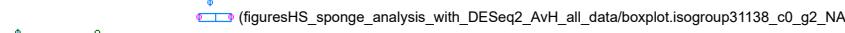
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isogroup105281_c0_g1_NA		2.62	5.08e-03	7.53e-02
isogroup10766_c0_g1_NA		2.62	2.69e-03	5.13e-02
isogroup924_c0_g1_Mucin_4_cell_surface_associate		2.62	2.88e-04	1.06e-02
isogroup2741_c0_g2_NA		2.63	2.72e-03	5.16e-02
isogroup34260_c0_g1_WDR93_oxidoreductase_activity_		2.63	1.09e-04	5.01e-03
isogroup8772_c1_g1_NA		2.63	3.76e-03	6.29e-02
isogroup19405_c0_g2_TEKT2_tekton_2_testicular_		2.64	3.53e-03	6.09e-02
isogroup8275_c0_g2_NA		2.64	6.81e-03	8.85e-02
isogroup6871_c0_g1_NA		2.65	8.56e-03	9.96e-02
isogroup9505_c0_g2_DNAH12_heavy_chain		2.65	7.60e-03	9.40e-02
isogroup3208_c0_g1_NA		2.66	5.42e-03	7.78e-02
isogroup23870_c0_g4_NA		2.67	1.11e-03	2.88e-02
isogroup343_c0_g2_NA		2.67	5.19e-03	7.60e-02
isogroup6336_c0_g1_NA		2.67	1.70e-03	3.84e-02
isogroup2467_c0_g1_NA		2.68	6.98e-06	5.37e-04
isogroup2753_c0_g1_RSPH3_radial_spoke_head_protein		2.69	6.28e-03	8.48e-02
isogroup2016_c0_g1_RCBTB1_regulator_of_chromosome_		2.71	2.84e-04	1.05e-02
isogroup5144_c0_g1_JMJD8_jmjC_domain-containing_pr		2.72	9.13e-05	4.37e-03
isogroup34862_c0_g1_NNMT_amine_N-methyltransferase		2.74	6.08e-03	8.27e-02
isogroup8417_c0_g1_protein_tyrosine_phosphatase_a		2.74	1.05e-03	2.76e-02
isogroup8460_c0_g1_protein_ubiquitination		2.74	6.46e-04	1.94e-02
isogroup11367_c0_g1_NA		2.75	4.85e-03	7.34e-02
isogroup2486_c0_g2_NA		2.76	4.48e-03	6.99e-02
isogroup9088_c0_g2_NA		2.76	1.45e-03	3.44e-02
isogroup12531_c0_g1_NA		2.77	1.17e-03	2.99e-02

ID	Image	From to			logFC	p-Value	Adjusted p-Value
		From	to	From			
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isogroup6757_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6757_c0_g1_NA.pdf)	2.77	1.61e-03	3.69e-02		
isogroup41213_c0_g1_cytoskeleton_organization		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup41213_c0_g1_cytoskeleton_organization.pdf)	2.78	2.30e-03	4.69e-02		
isogroup1118_c0_g1_condensed_mesenchymal_cell_pro		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1118_c0_g1_condensed_mesenchymal_cell_pro.pdf)	2.79	8.56e-03	9.96e-02		
isogroup1402_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1402_c0_g1_NA.pdf)	2.80	7.72e-03	9.46e-02		
isogroup1934_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1934_c0_g2_NA.pdf)	2.80	3.75e-03	6.28e-02		
isogroup3113_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3113_c0_g1_NA.pdf)	2.80	2.96e-03	5.49e-02		
isogroup11278_c0_g2_CKMT2_creatine_kinase_activity		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11278_c0_g2_CKMT2_creatine_kinase_activity.pdf)	2.82	9.16e-04	2.50e-02		
isogroup1305_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1305_c0_g1_NA.pdf)	2.82	1.80e-03	3.99e-02		
isogroup11769_c1_g1_MCM6_DNA_replication_initiation		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11769_c1_g1_MCM6_DNA_replication_initiation.pdf)	2.84	3.42e-05	1.98e-03		
isogroup5480_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5480_c0_g2_NA.pdf)	2.84	1.95e-03	4.21e-02		
isogroup365_c0_g1_Slip1_PDZ_domain_containing_RING		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup365_c0_g1_Slip1_PDZ_domain_containing_RING.pdf)	2.86	7.49e-05	3.74e-03		
isogroup47042_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup47042_c0_g1_NA.pdf)	2.90	8.51e-03	9.96e-02		
isogroup15275_c0_g1_CBX3_homolog_3		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15275_c0_g1_CBX3_homolog_3.pdf)	2.91	7.85e-04	2.22e-02		
isogroup164560_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup164560_c0_g1_NA.pdf)	2.91	7.96e-03	9.61e-02		
isogroup9401_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9401_c0_g1_NA.pdf)	2.92	8.58e-03	9.97e-02		
isogroup5127_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5127_c0_g1_NA.pdf)	2.94	8.17e-03	9.72e-02		
isogroup4418_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4418_c0_g1_NA.pdf)	2.95	6.56e-03	8.66e-02		
isogroup17944_c0_g3_THAP9_THAP_domain_containing_9		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17944_c0_g3_THAP9_THAP_domain_containing_9.pdf)	2.99	5.66e-03	7.96e-02		
isogroup40006_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup40006_c0_g3_NA.pdf)	3.01	2.33e-04	9.09e-03		
isogroup101_c2_g1_RIMBP2_negative_regulation_of_ph		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup101_c2_g1_RIMBP2_negative_regulation_of_ph.pdf)	3.02	7.16e-03	9.13e-02		
isogroup53225_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup53225_c0_g2_NA.pdf)	3.02	5.20e-03	7.60e-02		
isogroup2577_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2577_c0_g1_NA.pdf)	3.04	1.58e-03	3.64e-02		
isogroup8541_c0_g4_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8541_c0_g4_NA.pdf)	3.04	4.36e-05	2.39e-03		
isogroup5723_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5723_c0_g1_NA.pdf)	3.05	3.06e-03	5.59e-02		
isogroup82_c0_g1_ACSS1_acetate-CoA_ligase_activity		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup82_c0_g1_ACSS1_acetate-CoA_ligase_activity.pdf)	3.05	3.40e-04	1.21e-02		

		From to	From to	From to
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isogroup52226_c0_g1_NA		3.07	8.55e-03	9.96e-02
isogroup11172_c0_g1_NA		3.10	5.39e-04	1.71e-02
isogroup7292_c0_g1_protein_tyrosine_phosphatase_a		3.15	2.19e-03	4.55e-02
isogroup16505_c0_g3_NA		3.18	7.94e-03	9.59e-02
isogroup6664_c0_g1_MYOM1_Immunoglobulin_like		3.22	1.57e-03	3.63e-02
isogroup7264_c0_g1_NA		3.22	4.04e-04	1.37e-02
isogroup6388_c0_g1_NA		3.24	1.28e-05	8.84e-04
isogroup20171_c1_g1_Ras-related_C3_botulinum_toxi		3.26	5.11e-03	7.56e-02
isogroup28325_c0_g1_Src_homology_3_domains		3.27	6.67e-03	8.74e-02
isogroup55303_c0_g2_NA		3.27	8.56e-03	9.96e-02
isogroup893_c1_g1_Tyrosine_kinase_catalytic_doma		3.35	3.99e-03	6.53e-02
isogroup5893_c0_g1_NA		3.37	5.92e-04	1.82e-02
isogroup11269_c0_g2_NA		3.41	3.60e-03	6.16e-02
isogroup23634_c0_g2_NA		3.41	4.03e-04	1.37e-02
isogroup4933_c1_g1_NA		3.41	1.65e-03	3.76e-02
isogroup27681_c0_g1_NA		3.42	5.73e-03	8.02e-02
isogroup13886_c0_g3_NA		3.49	1.83e-03	4.03e-02
isogroup17203_c0_g1_NA		3.49	5.24e-03	7.63e-02
isogroup49854_c0_g1_G-protein_coupled_receptor_ac		3.49	3.59e-03	6.15e-02
isogroup7478_c0_g1_NA		3.49	5.52e-03	7.87e-02
isogroup1089_c0_g1_ADAMTS9_negative_regulation_of		3.51	2.45e-04	9.36e-03
isogroup48658_c0_g1_NA		3.52	1.29e-03	3.17e-02
isogroup2470_c0_g1_SIAE_short-chain_carboxylesterase		3.54	4.63e-03	7.15e-02
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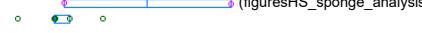
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isogroup17329_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17329_c0_g2_NA.pdf)	3.58	5.60e-03	7.92e-02		
isogroup16887_c0_g4_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup16887_c0_g4_NA.pdf)	3.61	5.22e-04	1.67e-02		
isogroup840_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup840_c0_g2_NA.pdf)	3.61	6.75e-03	8.79e-02		
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isogroup32932_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup32932_c1_g1_NA.pdf)	3.63	2.42e-05	1.50e-03		
isogroup5854_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5854_c0_g1_NA.pdf)	3.63	4.41e-05	2.41e-03		
isogroup84081_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup84081_c0_g1_NA.pdf)	3.65	7.55e-03	9.39e-02		
isogroup11601_c0_g1_Tyrosine_kinase_catalytic_domain		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11601_c0_g1_Tyrosine_kinase_catalytic_domain.pdf)	3.67	7.32e-04	2.11e-02		
isogroup19867_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19867_c1_g1_NA.pdf)	3.69	4.63e-03	7.14e-02		
isogroup33256_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup33256_c0_g1_NA.pdf)	3.69	3.21e-05	1.90e-03		
isogroup53450_c0_g1_hda-6_polyubiquitinated_misfol		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup53450_c0_g1_hda-6_polyubiquitinated_misfol.pdf)	3.69	8.30e-03	9.81e-02		
isogroup12484_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12484_c0_g1_NA.pdf)	3.70	2.96e-03	5.49e-02		
isogroup20257_c0_g4_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20257_c0_g4_NA.pdf)	3.72	5.56e-03	7.90e-02		
isogroup11762_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11762_c0_g1_NA.pdf)	3.73	3.67e-03	6.22e-02		
isogroup2611_c1_g1_gamma-aminobutyric_acid_type_B		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2611_c1_g1_gamma-aminobutyric_acid_type_B.pdf)	3.76	1.31e-03	3.20e-02		
isogroup1757_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1757_c0_g1_NA.pdf)	3.78	6.52e-03	8.64e-02		
isogroup159003_c0_g1_RpL23A_ribosomal_large_subunit		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup159003_c0_g1_RpL23A_ribosomal_large_subunit.pdf)	3.79	5.59e-03	7.91e-02		
isogroup6866_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6866_c0_g1_NA.pdf)	3.82	3.19e-03	5.74e-02		
isogroup32966_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup32966_c0_g2_NA.pdf)	3.83	1.48e-03	3.48e-02		
isogroup18287_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup18287_c0_g1_NA.pdf)	3.84	5.88e-03	8.12e-02		
isogroup5445_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5445_c0_g1_NA.pdf)	3.85	2.12e-05	1.36e-03		
isogroup14118_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14118_c0_g1_NA.pdf)	3.86	7.54e-03	9.39e-02		
isogroup15520_c2_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15520_c2_g1_NA.pdf)	3.87	2.94e-03	5.45e-02		
isogroup17805_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17805_c0_g2_NA.pdf)	3.90	5.76e-03	8.03e-02		
isogroup8957_c0_g5_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8957_c0_g5_NA.pdf)	3.90	3.95e-07	4.73e-05		

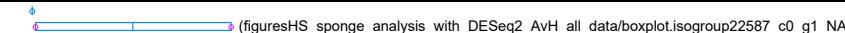
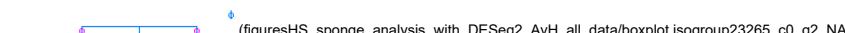
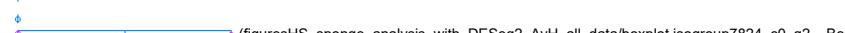
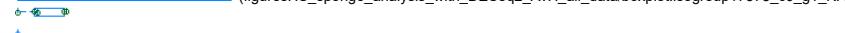
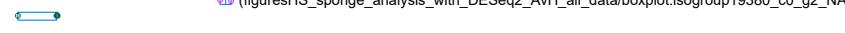
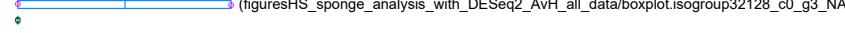
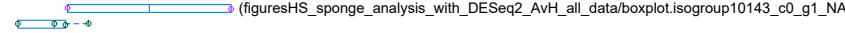
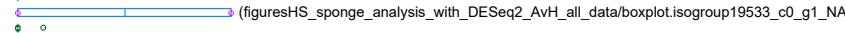
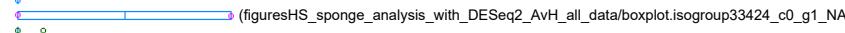
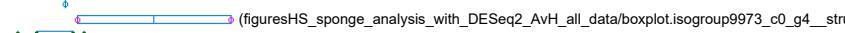
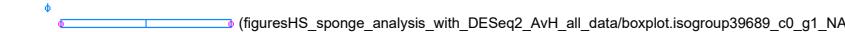
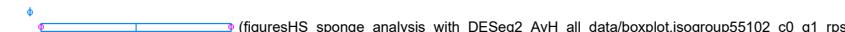
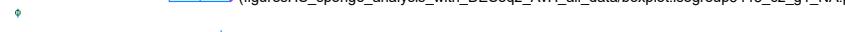
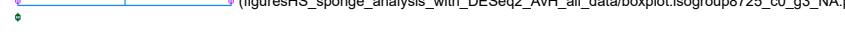
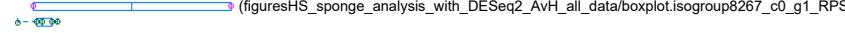
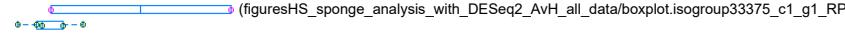
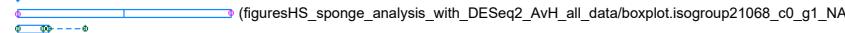
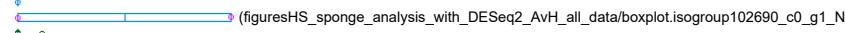
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isogroup803_c0_g1_negative_regulation_of_growth_r		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup803_c0_g1_negative...)	4.25	5.29e-03	7.69e-02		
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isogroup35530_c0_g1_Cyclic_AMP_receptor-like_prot		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup35530_c0_g1_Cyclic...)	4.36	6.54e-05	3.34e-03		
isogroup1399_c0_g3_RPS23_maintenance_of_translatio		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1399_c0_g3_RPS23...)	4.37	1.85e-03	4.05e-02		
isogroup11103_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11103_c0_g1_NA.pdf)	4.39	3.56e-03	6.13e-02		
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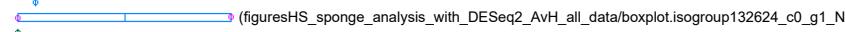
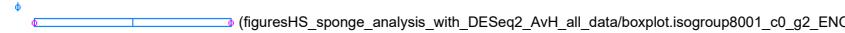
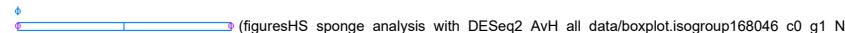
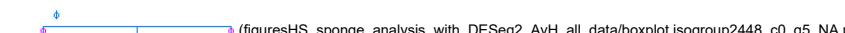
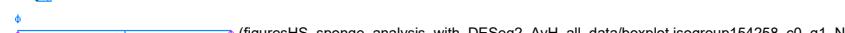
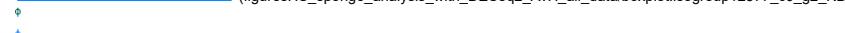
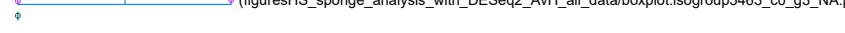
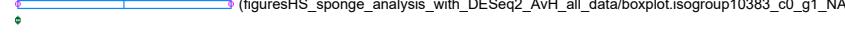
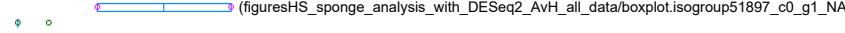
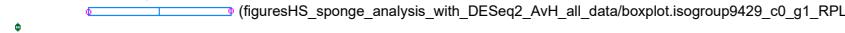
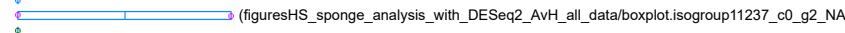
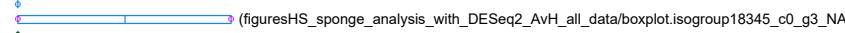
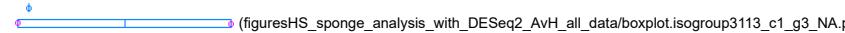
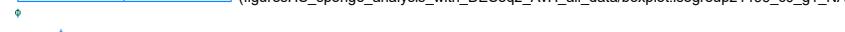
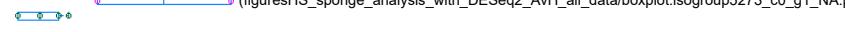
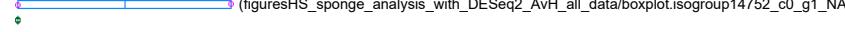
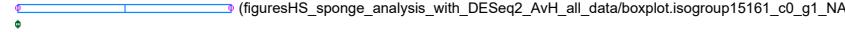
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isogroup34727_c0_g2_structural_constituent_of_cyt	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup34727_c0_g2_structural_constituent_of_cyt_.pdf)	4.91	2.29e-04	8.97e-03
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isogroup31138_c0_g2_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup31138_c0_g2_NA.pdf)	4.94	4.46e-03	6.97e-02
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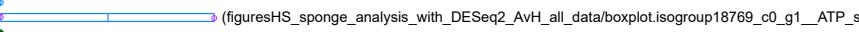
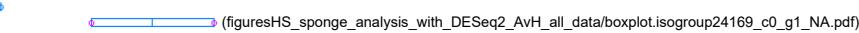
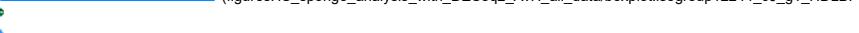
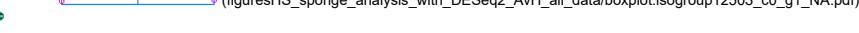
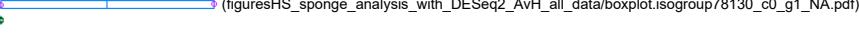
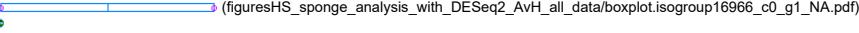
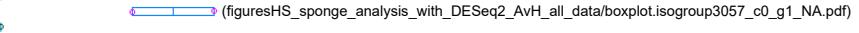
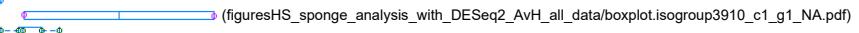
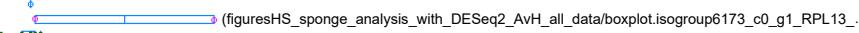
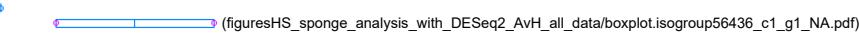
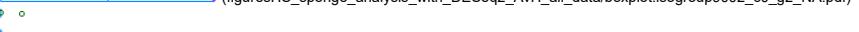
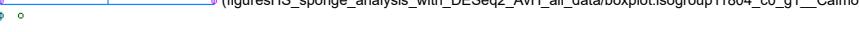
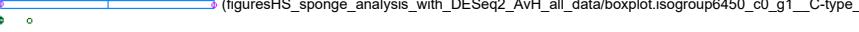
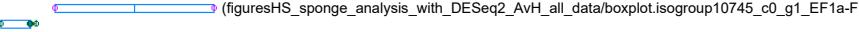
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isogroup20614_c0_g1_NA		5.13	6.36e-03	8.51e-02
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isogroup24065_c1_g4_NA		5.36	1.17e-03	2.97e-02
isogroup389_c0_g2_NA		5.40	8.24e-05	4.01e-03
isogroup21183_c0_g3_NA		5.47	1.97e-03	4.23e-02
isogroup11450_c4_g1_positive_regulation_of_TOR_si		5.48	5.88e-03	8.12e-02
isogroup164921_c0_g1_RPS6_Belongs_to_the_eukaryoti		5.52	2.92e-03	5.44e-02
isogroup25824_c0_g1_NA		5.61	2.86e-03	5.37e-02
isogroup24207_c1_g1_cytoskeleton_organization		5.64	3.95e-04	1.35e-02
isogroup10508_c0_g1_NA		5.69	1.92e-04	7.88e-03
isogroup20497_c0_g5_NA		5.69	4.04e-04	1.37e-02
isogroup389_c0_g1_NID2_Nidogen-2		5.70	6.21e-10	1.32e-07
isogroup8419_c0_g1_NA		5.70	5.18e-03	7.60e-02
isogroup98537_c2_g2_TMSB4X_Thymosin_beta-4_family		5.70	2.85e-05	1.72e-03
isogroup22668_c0_g2_NA		5.76	2.11e-03	4.44e-02
isogroup18422_c0_g1_ETFA_Electron-transfer-flavop		5.78	1.03e-04	4.83e-03
isogroup8419_c0_g2_NA		5.81	5.22e-03	7.61e-02
isogroup14429_c0_g2_negative_regulation_of_non-ca		5.88	3.72e-03	6.27e-02

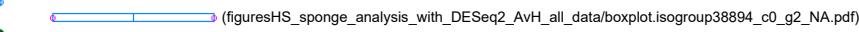
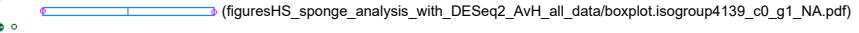
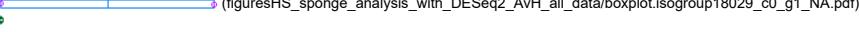
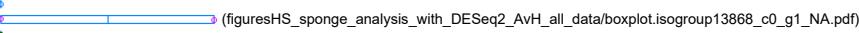
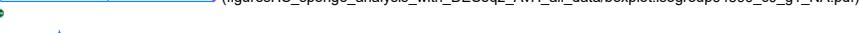
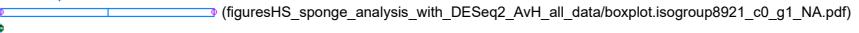
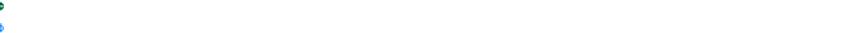
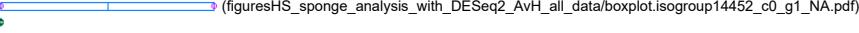
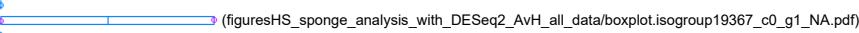
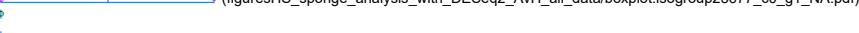
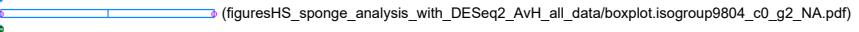
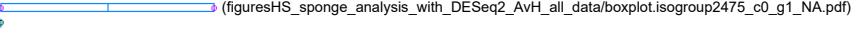
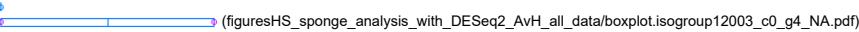
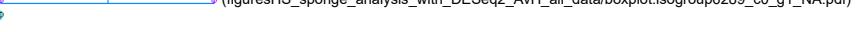
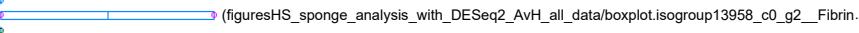
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ID	Image		logFC	p-Value	Adjusted p-Value
isogroup22939_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22939_c0_g1_NA.pdf)	5.91	5.10e-03	7.54e-02
isogroup35989_c0_g1_Fibrous_sheath-interacting_pr		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup35989_c0_g1_Fibrou...)	5.96	2.66e-04	1.00e-02
isogroup34819_c0_g1_RpL3_Ribosomal_protein_L3		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup34819_c0_g1_RpL3...)	6.07	4.60e-03	7.11e-02
isogroup7824_c0_g3_Ribosomal_protein_S19		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7824_c0_g3_Riboso...)	6.09	4.33e-07	5.06e-05
isogroup9467_c0_g3_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9467_c0_g3_NA.pdf)	6.12	4.89e-03	7.36e-02
isogroup51682_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup51682_c0_g2_NA.pdf)	6.14	3.03e-03	5.56e-02
isogroup1757_c0_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup1757_c0_g2_NA.pdf)	6.17	1.64e-04	6.91e-03
isogroup970_c1_g2_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup970_c1_g2_NA.pdf)	6.17	3.27e-03	5.82e-02
isogroup16240_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup16240_c1_g1_NA.pdf)	6.23	5.64e-03	7.94e-02
isogroup9518_c1_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9518_c1_g1_NA.pdf)	6.29	5.05e-05	2.69e-03
isogroup7561_c1_g6_UBA52_protein_tag		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7561_c1_g6_UBA52...)	6.36	5.80e-03	8.07e-02
isogroup6876_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6876_c0_g1_NA.pdf)	6.37	8.77e-07	9.45e-05
isogroup19349_c0_g2_RpL11_Belongs_to_the_universal		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19349_c0_g2_RpL11...)	6.39	6.82e-03	8.85e-02
isogroup4609_c0_g1_RPS16_Belongs_to_the_universal_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup4609_c0_g1_RPS16...)	6.39	5.70e-04	1.78e-02
isogroup15336_c0_g2_RpL9_rRNA_binding_It_is_invol		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15336_c0_g2_RpL9_r...)	6.40	1.74e-03	3.90e-02
isogroup119132_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup119132_c0_g1_NA.pdf)	6.43	5.32e-04	1.69e-02
isogroup13716_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13716_c0_g1_NA.pdf)	6.45	9.29e-06	6.80e-04
isogroup14912_c0_g4_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14912_c0_g4_NA.pdf)	6.45	7.44e-03	9.34e-02
isogroup163508_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup163508_c0_g1_NA.pdf)	6.45	2.47e-03	4.89e-02
isogroup12626_c0_g3_mlc-4_calcium_ion_binding		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12626_c0_g3_mlc-4_c...)	6.47	3.85e-03	6.37e-02
isogroup14912_c0_g3_Collagen_triple_helix		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14912_c0_g3_Collag...)	6.49	3.36e-05	1.96e-03
isogroup2336_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2336_c0_g1_NA.pdf)	6.49	5.33e-03	7.71e-02
isogroup51601_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup51601_c0_g1_NA.pdf)	6.51	5.66e-04	1.78e-02
isogroup7384_c0_g1_NA		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7384_c0_g1_NA.pdf)	6.54	4.61e-05	2.49e-03
isogroup14609_c0_g1_RpS24_Belongs_to_the_eukaryoti		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14609_c0_g1_RpS24...)	6.58	4.60e-03	7.11e-02
isogroup58989_c0_g1_RPL12_ribosomal_large_subunit_		(figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup58989_c0_g1_RPL12...)	6.61	4.65e-06	3.91e-04

ID	Image	logFC	From	From	From
			to	to	to
isogroup10957_c0_g1_NA		6.64	2.23e-05	1.42e-03	
isogroup16599_c0_g1_RPL17_structural_constituent_o		6.65	1.01e-06	1.06e-04	
isogroup37217_c0_g1_NA		6.65	1.00e-03	2.68e-02	
isogroup98537_c0_g1_NA		6.69	3.27e-03	5.82e-02	
isogroup10936_c0_g2_NA		6.71	2.13e-03	4.47e-02	
isogroup14487_c0_g1_40S_ribosomal_protein		6.71	1.22e-03	3.05e-02	
isogroup20040_c0_g1_OSBL9_Belongs_to_the_OSBP_fam		6.76	1.14e-05	8.05e-04	
isogroup14560_c0_g1_NAD_NADP_octopine_nopaline_de		6.77	5.66e-05	2.95e-03	
isogroup148671_c0_g1_NA		6.78	1.98e-03	4.24e-02	
isogroup9037_c1_g1_RPL10A_Belongs_to_the_universal		6.84	3.40e-05	1.98e-03	
isogroup17445_c0_g2_NA		6.86	2.83e-04	1.05e-02	
isogroup131041_c0_g1_NA		6.87	3.49e-03	6.06e-02	
isogroup6040_c0_g1_NA		6.91	1.58e-03	3.64e-02	
isogroup6854_c1_g3_RPS5_ribosomal_small_subunit_as		6.91	1.03e-03	2.73e-02	
isogroup11724_c0_g1_NA		6.93	4.76e-03	7.25e-02	
isogroup16449_c0_g1_RPS3_positive_regulation_of_DN		6.93	1.56e-05	1.03e-03	
isogroup19650_c0_g1_serine-type_endopeptidase_act		7.00	1.24e-05	8.59e-04	
isogroup13746_c0_g1_NA		7.01	1.32e-04	5.80e-03	
isogroup8725_c0_g2_NA		7.12	1.07e-04	4.97e-03	
isogroup9722_c0_g1_NA		7.12	2.27e-04	8.93e-03	
isogroup66449_c0_g1_NA		7.17	1.01e-04	4.75e-03	
isogroup13029_c0_g2_NA		7.28	7.94e-07	8.66e-05	
isogroup4016_c0_g1_RPS12_structural_constituent_of		7.30	2.24e-07	2.88e-05	
isogroup25484_c0_g1_NA		7.34	8.53e-03	9.96e-02	
isogroup3683_c1_g1_NA		7.39	8.37e-03	9.85e-02	
isogroup17261_c0_g1_Collagen_triple_helix		7.40	7.54e-03	9.39e-02	

		From to	From to	From to
ID	Image	logFC	p-Value	Adjusted p-Value
isogroup22587_c0_g1_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup22587_c0_g1_NA.pdf)	7.40	2.16e-04	8.59e-03
isogroup23265_c0_g2_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup23265_c0_g2_NA.pdf)	7.41	9.24e-05	4.40e-03
isogroup7824_c0_g2_Belongs_to_the_universal_ribos	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7824_c0_g2_Belongs_to_the_universal_ribos.pdf)	7.44	7.64e-03	9.43e-02
isogroup20217_c2_g1_RpLP1_60s_Acidic_ribosomal_pro	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup20217_c2_g1_RpLP1_60s_Acidic_ribosomal_pro.pdf)	7.45	1.20e-03	3.04e-02
isogroup2640_c0_g1_DDAH1_dimethylaminohydrolase_1	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup2640_c0_g1_DDAH1_dimethylaminohydrolase_1.pdf)	7.47	6.75e-05	3.43e-03
isogroup17378_c0_g1_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup17378_c0_g1_NA.pdf)	7.65	5.87e-05	3.03e-03
isogroup19380_c0_g2_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19380_c0_g2_NA.pdf)	7.65	6.66e-10	1.39e-07
isogroup32128_c0_g3_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup32128_c0_g3_NA.pdf)	7.66	6.51e-03	8.63e-02
isogroup10143_c0_g1_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10143_c0_g1_NA.pdf)	7.70	1.53e-05	1.02e-03
isogroup19533_c0_g1_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19533_c0_g1_NA.pdf)	7.76	4.80e-03	7.29e-02
isogroup33424_c0_g1_NAT8L_aspartate_N-acetyltransf	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup33424_c0_g1_NAT8L_aspartate_N-acetyltransf.pdf)	7.76	4.75e-03	7.25e-02
isogroup9973_c0_g4_structural_constituent_of_cyto	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9973_c0_g4_structural_constituent_of_cyto.pdf)	7.78	3.74e-06	3.23e-04
isogroup39689_c0_g1_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup39689_c0_g1_NA.pdf)	7.81	4.27e-07	5.02e-05
isogroup55102_c0_g1_rps9_positive_regulation_of_tr	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup55102_c0_g1_rps9_positive_regulation_of_tr.pdf)	7.85	6.95e-05	3.51e-03
isogroup19077_c0_g2_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup19077_c0_g2_NA.pdf)	7.88	4.08e-03	6.57e-02
isogroup35029_c0_g1_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup35029_c0_g1_NA.pdf)	7.92	5.61e-06	4.51e-04
isogroup114811_c0_g1_RPS10_ribosomal_small_subunit	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup114811_c0_g1_RPS10_ribosomal_small_subunit.pdf)	7.98	7.32e-06	5.56e-04
isogroup586_c7_g1_eef2_translation_elongation_fact	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup586_c7_g1_eef2_translation_elongation_fact.pdf)	7.99	2.54e-05	1.56e-03
isogroup5445_c2_g1_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5445_c2_g1_NA.pdf)	8.05	2.92e-06	2.62e-04
isogroup8725_c0_g3_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8725_c0_g3_NA.pdf)	8.05	2.27e-03	4.65e-02
isogroup8267_c0_g1_RPS5_ribosomal_small_subunit_as	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8267_c0_g1_RPS5_ribosomal_small_subunit_as.pdf)	8.07	2.60e-06	2.37e-04
isogroup33375_c1_g1_RPL35A_structural_constituent	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup33375_c1_g1_RPL35A_structural_constituent.pdf)	8.10	1.08e-05	7.73e-04
isogroup21068_c0_g1_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup21068_c0_g1_NA.pdf)	8.15	5.01e-04	1.62e-02
isogroup102690_c0_g1_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup102690_c0_g1_NA.pdf)	8.16	2.69e-03	5.13e-02
isogroup13089_c0_g1_RPLP2_Belongs_to_the_eukaryoti	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup13089_c0_g1_RPLP2_Belongs_to_the_eukaryoti.pdf)	8.18	3.34e-05	1.95e-03
isogroup5557_c0_g1_rpl26l1_regulation_of_translati	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5557_c0_g1_rpl26l1_regulation_of_translati.pdf)	8.30	1.45e-06	1.46e-04

		From to	From to	From to
ID	Image	logFC	p-Value	Adjusted p-Value
isogroup132624_c0_g1_NA		8.35	2.37e-03	4.78e-02
isogroup8001_c0_g2_ENO3_Enolase_3_beta_muscle_		8.37	1.54e-05	1.02e-03
isogroup168046_c0_g1_NA		8.38	8.46e-03	9.91e-02
isogroup2448_c0_g5_NA		8.42	4.27e-07	5.02e-05
isogroup154258_c0_g1_NA		8.43	8.33e-03	9.81e-02
isogroup11293_c0_g1_NA		8.47	7.91e-03	9.58e-02
isogroup150564_c0_g1_NA		8.47	7.91e-03	9.58e-02
isogroup12377_c0_g2_KDM5A_negative_regulation_of_h		8.55	7.06e-03	9.04e-02
isogroup5463_c0_g3_NA		8.55	6.75e-03	8.79e-02
isogroup10383_c0_g1_NA		8.58	6.86e-03	8.89e-02
isogroup51897_c0_g1_NA		8.59	3.47e-06	3.04e-04
isogroup9429_c0_g1_RPLP2_Belongs_to_the_eukaryotic		8.59	2.18e-05	1.39e-03
isogroup11237_c0_g2_NA		8.60	6.70e-03	8.77e-02
isogroup18345_c0_g3_NA		8.62	6.50e-03	8.63e-02
isogroup3113_c1_g3_NA		8.62	1.71e-04	7.13e-03
isogroup7296_c0_g1_NA		8.63	6.40e-03	8.53e-02
isogroup9954_c0_g1_RPL23_large_ribosomal_subunit_r		8.63	1.22e-08	1.96e-06
isogroup11673_c0_g1_NA		8.70	5.87e-03	8.11e-02
isogroup4285_c0_g1_NA		8.71	5.78e-03	8.05e-02
isogroup23629_c0_g1_NA		8.72	5.70e-03	7.99e-02
isogroup21496_c0_g1_NA		8.73	5.62e-03	7.94e-02
isogroup5273_c0_g1_NA		8.74	1.35e-07	1.81e-05
isogroup14752_c0_g1_NA		8.76	5.40e-03	7.77e-02
isogroup15161_c0_g1_NA		8.76	1.21e-03	3.04e-02
isogroup15955_c0_g1_NA		8.76	5.43e-03	7.81e-02
isogroup8738_c0_g1_Oligosaccharyltransferase_subu		8.76	5.40e-03	7.77e-02

		From to	From to	From to
ID	Image	logFC	p-Value	Adjusted p-Value
isogroup18769_c0_g1_ATP_synthase_coupled_proton_	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup18769_c0_g1_ATP_synthase_coupled_proton_.pdf)	8.84	4.92e-03	7.39e-02
isogroup24169_c0_g1_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup24169_c0_g1_NA.pdf)	8.84	3.96e-05	2.22e-03
isogroup9547_c0_g1_5S_rRNA_binding	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9547_c0_g1_5S_rRNA_binding.pdf)	8.88	3.49e-08	5.28e-06
isogroup14130_c0_g2_SS2_cotranslational_protein_t	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup14130_c0_g2_SS2_cotranslational_protein_t.pdf)	8.94	4.29e-03	6.79e-02
isogroup8465_c0_g1_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup8465_c0_g1_NA.pdf)	8.94	4.07e-03	6.56e-02
isogroup152823_c0_g1_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup152823_c0_g1_NA.pdf)	8.96	4.22e-03	6.70e-02
isogroup10773_c0_g1_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10773_c0_g1_NA.pdf)	9.00	9.32e-04	2.54e-02
isogroup12244_c0_g1_HDLBP_RNA_binding	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12244_c0_g1_HDLBP_RNA_binding.pdf)	9.00	4.00e-03	6.53e-02
isogroup12503_c0_g1_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup12503_c0_g1_NA.pdf)	9.04	7.97e-05	3.92e-03
isogroup78130_c0_g1_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup78130_c0_g1_NA.pdf)	9.05	3.72e-03	6.27e-02
isogroup16966_c0_g1_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup16966_c0_g1_NA.pdf)	9.07	3.64e-03	6.19e-02
isogroup3057_c0_g1_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3057_c0_g1_NA.pdf)	9.09	2.27e-06	2.09e-04
isogroup3910_c1_g1_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup3910_c1_g1_NA.pdf)	9.09	2.13e-06	2.00e-04
isogroup6173_c0_g1_RPL13_structural_constituent_of	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6173_c0_g1_RPL13_structural_constituent_of.pdf)	9.28	1.90e-08	2.96e-06
isogroup56436_c1_g1_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup56436_c1_g1_NA.pdf)	9.45	4.36e-06	3.74e-04
isogroup26406_c1_g1_SLK_stress-activated_protein_k	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup26406_c1_g1_SLK_stress-activated_protein_k.pdf)	9.46	5.06e-06	4.13e-04
isogroup9960_c1_g2_Molecular_calcium-binding_chaperone	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9960_c1_g2_Molecular_calcium-binding_chaperone.pdf)	9.77	3.19e-07	3.91e-05
isogroup7785_c0_g1_RPL7_ribosomal_protein	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup7785_c0_g1_RPL7_ribosomal_protein.pdf)	9.84	6.08e-06	4.79e-04
isogroup15723_c1_g2_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15723_c1_g2_NA.pdf)	9.85	6.45e-09	1.09e-06
isogroup32468_c0_g1_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup32468_c0_g1_NA.pdf)	10.00	2.53e-07	3.18e-05
isogroup9002_c0_g2_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup9002_c0_g2_NA.pdf)	10.50	7.22e-03	9.16e-02
isogroup11804_c0_g1_Calmodulin	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup11804_c0_g1_Calmodulin.pdf)	10.80	5.96e-03	8.18e-02
isogroup6450_c0_g1_C-type_lectin_CTL_or_carbohydrate	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup6450_c0_g1_C-type_lectin_CTL_or_carbohydrate.pdf)	10.90	5.58e-03	7.91e-02
isogroup10745_c0_g1_EF1a-F2 Regulation_of_response	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup10745_c0_g1_EF1a-F2_Regulation_of_response.pdf)	11.10	4.86e-09	8.52e-07
isogroup15505_c0_g2_NA	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup15505_c0_g2_NA.pdf)	11.20	4.27e-03	6.75e-02
isogroup5843_c0_g1_EZR_protein_localization_to_cel	 (figuresHS_sponge_analysis_with_DESeq2_AvH_all_data/boxplot.isogroup5843_c0_g1_EZR_protein_localization_to_cel.pdf)	11.20	4.04e-03	6.54e-02

		From to	From to	From to
ID	Image			
		logFC	p-Value	Adjusted p-Value
isogroup38894_c0_g2_NA		11.70	2.84e-03	5.35e-02
isogroup8371_c0_g1_NA		12.50	1.14e-03	2.93e-02
isogroup4139_c0_g1_NA		15.30	1.02e-04	4.78e-03
isogroup9000_c0_g2_NA		25.10	1.54e-10	3.70e-08
isogroup18029_c0_g1_NA		25.60	6.82e-11	1.70e-08
isogroup13868_c0_g1_NA		26.30	2.16e-11	5.68e-09
isogroup64590_c0_g1_NA		26.40	1.72e-11	4.58e-09
isogroup8921_c0_g1_NA		26.60	1.16e-11	3.12e-09
isogroup9831_c0_g1_NA		26.70	9.77e-12	2.65e-09
isogroup14452_c0_g1_NA		26.90	7.20e-12	2.00e-09
isogroup19367_c0_g1_NA		26.90	7.03e-12	1.97e-09
isogroup23677_c0_g1_NA		26.90	7.42e-12	2.04e-09
isogroup9804_c0_g2_NA		27.20	4.34e-12	1.26e-09
isogroup104477_c0_g1_NA		27.30	3.36e-12	1.01e-09
isogroup2475_c0_g1_NA		27.30	3.83e-12	1.13e-09
isogroup12003_c0_g4_NA		27.40	3.14e-12	9.58e-10
isogroup6289_c0_g1_NA		27.40	2.72e-12	8.40e-10
isogroup13958_c0_g2_Fibrinogen-related_domains_F		27.60	1.90e-12	6.03e-10
isogroup48008_c1_g1_NA		27.60	1.87e-12	6.03e-10
isogroup57530_c0_g1_rps15a_structural_constituent_		27.60	1.90e-12	6.03e-10
isogroup14208_c0_g1_SSR4_Translocon-associated_pro		27.70	1.75e-12	5.92e-10
isogroup14392_c0_g1_NA		27.70	1.83e-12	6.03e-10
isogroup16167_c0_g1_neurogenic_locus_notch_homolo		27.70	1.56e-12	5.41e-10
isogroup17735_c0_g1_Fibrinogen-related_domains_F		27.70	1.83e-12	6.03e-10
isogroup5983_c0_g1_NA		27.70	1.65e-12	5.64e-10
isogroup10269_c0_g1_dll3_Delta-like_protein		27.80	1.52e-12	5.35e-10

		From to	From to	From to
ID	Image			
		logFC	p-Value	Adjusted p-Value
isogroup15465_c0_g1_NA		27.80	1.29e-12	4.81e-10
isogroup19842_c0_g1_NA		27.80	1.46e-12	5.27e-10
isogroup26694_c0_g1_NA		27.80	1.38e-12	5.09e-10
isogroup8807_c0_g1_NA		27.80	1.47e-12	5.27e-10
isogroup15032_c0_g1_HSP90B1_heat_shock_protein_90k		27.90	1.17e-12	4.51e-10
isogroup6350_c0_g1_NA		27.90	1.28e-12	4.81e-10
isogroup18712_c0_g1_NA		28.10	7.88e-13	3.13e-10
isogroup10381_c0_g1_NA		28.20	6.73e-13	2.73e-10
isogroup5853_c0_g3_NA		28.20	6.59e-13	2.73e-10
isogroup6353_c0_g1_NA		28.20	6.43e-13	2.72e-10
isogroup9467_c0_g2_GTPBP4_Involved_in_the_biogenesis		28.20	6.76e-13	2.73e-10
isogroup11495_c0_g2_NA		28.30	5.91e-13	2.55e-10
isogroup15723_c1_g3_NA		28.30	5.61e-13	2.51e-10
isogroup9002_c0_g1_NA		28.30	5.91e-13	2.55e-10
isogroup15508_c0_g1_NA		28.40	4.35e-13	2.10e-10
isogroup15723_c1_g4_NA		28.40	4.46e-13	2.10e-10
isogroup6832_c0_g1_NA		28.40	4.46e-13	2.10e-10
isogroup8063_c0_g2_eef1g_translation_elongation_fa		28.40	4.88e-13	2.26e-10
isogroup7742_c0_g2_NA		28.60	3.11e-13	1.62e-10
isogroup10714_c0_g1_RPL21_ribosomal_protein		28.70	2.65e-13	1.41e-10
isogroup78210_c0_g1_NA		28.70	2.61e-13	1.41e-10
isogroup83577_c0_g1_NA		28.80	2.38e-13	1.32e-10
isogroup15617_c0_g1_NA		28.90	1.95e-13	1.13e-10
isogroup5983_c0_g2_NA		29.10	1.17e-13	7.34e-11
isogroup8750_c0_g1_NA		29.10	1.12e-13	7.15e-11
isogroup112646_c0_g1_SEC61G_Protein_transport_prot		29.20	1.08e-13	7.12e-11

		From to	From to	From to
ID	Image	logFC	p-Value	Adjusted p-Value
isogroup13585_c0_g1_NA		29.20	9.86e-14	6.84e-11
isogroup7222_c0_g1_NA		29.20	1.08e-13	7.12e-11
isogroup25392_c0_g1_NA		29.40	7.37e-14	5.26e-11
isogroup7412_c0_g2_NA		30.60	5.98e-15	4.67e-12
isogroup7099_c0_g1_translocon-associated_protein		31.10	2.30e-15	1.91e-12
isogroup11246_c0_g1_STT3A_co-translational_protein		31.20	1.81e-15	1.56e-12
isogroup9712_c0_g2_NA		31.20	1.78e-15	1.56e-12
isogroup19447_c0_g1_HSP90B1_heat_shock_protein_90k		31.30	1.62e-15	1.50e-12
isogroup8328_c0_g1_NA		31.70	6.40e-16	6.40e-13
isogroup10430_c0_g1_NA		31.80	5.49e-16	5.72e-13
isogroup126047_c0_g1_actin_binding		32.00	3.75e-16	4.26e-13
isogroup11243_c0_g1_NA		32.20	2.27e-16	2.84e-13
isogroup13506_c0_g1_NA		32.40	1.51e-16	1.99e-13
isogroup30126_c0_g1_NA		32.50	1.32e-16	1.83e-13
isogroup51929_c0_g3_RpL3_ribosomal_large_subunit_a		32.50	1.20e-16	1.76e-13
isogroup7050_c0_g1_NA		32.60	9.63e-17	1.50e-13
isogroup4139_c0_g2_NA		32.90	4.90e-17	8.16e-14
isogroup5977_c0_g1_RPL6_60s_ribosomal_protein		33.60	1.05e-17	2.19e-14
isogroup21023_c0_g1_NA		33.70	9.28e-18	2.11e-14
isogroup6982_c0_g2_Chitin-binding_domain_type_2		33.90	6.06e-18	1.52e-14
isogroup6820_c0_g1_NA		34.30	2.59e-18	7.20e-15
isogroup88347_c0_g1_RPS2_translation		35.20	2.90e-19	1.03e-15
isogroup7295_c0_g1_NA		35.40	1.94e-19	8.09e-16
isogroup15081_c0_g1_NA		36.00	4.10e-20	2.05e-16
isogroup6883_c0_g1_RPL18_structural_constituent_of		36.40	1.62e-20	1.01e-16

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